Volume 29 General Index

A23187 and bradykinin, human neutrophils stimulated by, source of endogenous arachidonate and 5-lipoxygenase products in, **319**

Abdominal pain, functional, psychiatric illness and life events preceding, **235**

——. *See also* Intra-abdominal

Achalasia and diffuse spasm of oesophagus, family occurrence of (*Case reports*), **1595**

——in children, epidemiological study, **90**

ACHORD, J. *See* BARDHAN, K D., HUNTER, J O, *et al.*

Acid, alkaline secretion in rabbit duodenum stimulated by, passive diffusion and correlation with mucosal damage, **284**

Adenocarcinoma, mucinous, primary, developing in ileostomy stoma (*Case report*), **1607**

——of small bowel and neurofibromatosis, association between (*Letter*), **134**

—— —— —— ——, duodenal carcinoid tumour, and von Recklinghausen's neurofibromatosis (*Letter*), **553, 557** (*Addendum*)

Adenoma, hepatic, primary, rupture of, spontaneous haemoperitoneum in adult man from (*Letter*), **1427**

——, parathyroid, and gastric carcinoid tumour (*Case report*), **689**

Adenomatous polyposis, familial, DNA aneuploidy and cell proliferation in, **603**

——polyps and colon cancer, association with high acetate and low butyrate ratios, and short chain fatty acid distribution in enema samples from sigmoidoscopy population, **1539**

Adenosine diphosphate ribosyl transferase response induced by hydrogen peroxide in inflammatory bowel disease, **1680**

——triphosphatase activity and water and sodium absorption in rectal mucosa in tropical sprue, **665**

Adhesin, hydrophobic, of *E coli* in ulcerative colitis, **41**

ADLER, L P. *See* SIEGEL, J A, URBAIN, J-L, *et al.*

Adrenal endocrine tumour, mixed, causing steatorrhoea (*Letter*), **875**

ADRIAN, T E. *See* FERRI, G-L, ADRIAN, T E, *et al.*

——. *See* SPILLER, R C, TROTMAN, I F, *et al.*

African populations, contrasting, breath methane and large bowel cancer risk in, **608**

Age, increase of brush border enzyme activities along small intestine related to, **1557**

AHNFELT-RØNNE, I. *See* NIELSEN, O H, BUKHAVE, K, *et al.*

AHUJA, R K. *See* SARIN, S K, CHARI, S, *et al.*

AIDS, cryptosporidial diarrhoea in, incidence, diagnosis, and treatment, **593**

——, persistent diarrhoea in Zairian patients with, endoscopic and histological study, **1687**

——. *See also* HIV

AKALESTOS, G.. *See* TSIMOYIANNIS, E C, SARROS, C J, *et al.*

ÅKERVALL, S, FASTH, S, NORDGREN, S ÖRESLAND, T, and HULTÉN, L: Manovolumerty: a new method for investigation of anorectal function, **614**

AKKERMANS, L M A, VOS, A, HOEKSTRA, A, ROELOFS, J M M, and HOROWITZ, M: Effect of ICS 205-930 (a specific 5-HT_3 receptor antagonist) on gastric emptying of a solid meal in normal subjects, **1249**

ALBINI, F. *See* GUANDALINI, S, FASANO, A, *et al.*

Alcoholics, glutathione deficiency as risk factor for paracetamol hepatotixicity in, **1153**

Alcoholism, chronic, small bowel affected by, neutrophil and eosinophil involvement of, **1656**

Alcohols, effect on gastric and small intestinal apical membrane integrity and fluidity, **1648**

ALESSIO, M. *See* GUANDALINI, S, FASANO, A, *et al.*

Alkaline secretion, gastric, changes due to ulcer healing drugs (*Letter*), **696**

—— ——in rabbit duodenum stimulated by acid, passive diffusion and correlation with mucosal damage, **284**

ALLAN, A. *See* FULLARTON, G M, ALLAN, A, *et al.*

ALLAN, R N. *See* ANDREWS, H, WYKE, J, *et al.*

——. *See* CLEMENTS, D, ELLIS, C J, *et al.*

——. *See* GYDE, S N, PRIOR, P, *et al.*

——. *See* WYKE, R J, EDWARDS, F C, *et al.*

ALLEN, J M. *See* FERRI, G-L, ADRIAN, T E, *et al.*

ALLEN-MERSH, T G: Pancreatic ductal mucinous hyperplasia: distribution within the pancreas, and effect of variation in ampullary and pancreatic duct anatomy, **1392**

ALLISON, M C, CORNWALL, S, POULTER, L W, DHILLON, A P, and POUNDER, R E: Macrophage heterogeneity in normal colonic mucosa and in inflammatory bowel disease, **1531**

Allopurinol attenuation of caerulein induced acute pancreatitis in rat, **926**

AL-MUFTI, R. *See* APPLETON, G V N, WHEELER, E E, *et al.*

Aluminium and sucralfate stimulation of amphibian gastroduodenal bicarbonate secretion and role of local prostaglandin metabolism, **903**

Aminoacids, selective perfusion of duodenal loop with, cholecystokinin release and biliopancreatic secretion in response to, **1158**

γ-Aminobutyric acid. *See* GABA

5-Aminosalicylic acid, delayed release (Mesalazine), in treatment of mild to moderate ulcerative colitis relapse, comparison with sulphasalazine (*Clinical trial*), **669**

—— ——, ingested, faecal recovery in ulcerative colitis, effect of polymer coating (*Letter*), **413**

AMMANN, R. *See* MUENCH, R, and AMMANN, R

Amoebiasis, invasive, unusual presentation of (*Case report*), **682**

AMP, cyclic, gastric cell, autoantibodies stimulating, in duodenal ulcer, **94**

AMPLATZ, S. *See* DOBRILLA, G, VALLAPERTA, P, *et al.*

Ampullary and pancreatic duct anatomy, variation in, effect on pancreatic ductal mucinous hyperplasia, **1392**

Anal sphincter, internal, in neurogenic faecal incontinence, ultrastructural changes in, **1692**

ANAND, B S, NANDA, R, and SACHDEV, G K: Response of tuberculous stricture to antituberculous treatment, **62**

——. *See also* SATIN, S K, CHARI, S, *et al.*

ANAND, R. *See* RATAN, M L, ANAND, R, *et al.*

ANDERSEN, B. *See* SØRENSEN, T I A, ANDERSEN, B, *et al.*

ANDERSEN, H H. *See* LAURITSEN, K, RUNE, S J, *et al.*

ANDERSSON, H. *See* ÖJERSKOG, B, ANDERSSON, H, *et al.*

ANDERSSON, K. *See* LINDBERG, E, TYSK, C, *et al.*

ANDRE, C. *See* ANDRE, F, ANDRE, C, *et al.*

ANDRE, F, ANDRE, C, EMERY, Y, FORICHON, J, DESCOS, L, and MINAIRE, Y: Assessment of the lactulose-mannitol test in Crohn's disease, **511**

ANDREOLLO, N A, THOMPSON, D G, KENDALL, G P N, and EARLAM, R J: Functional relationships between cricopharyngeal sphincter and oesophageal body in response to graded intraluminal distension, **161**

——. *See* THOMPSON, D G, ANDREOLLO, N A, *et al.*

ANDREWS, H, WYKE, J, LANE, M, CLAY, J, KEIGHLEY, M R B, and ALLAN, R N: Prevalence of sexually transmitted disease among male patients presenting with proctitis, **332**

ANGELONI, M. *See* BALDI, F, FERRARINI, F, *et al.*

Angiographic techniques in dilatation of 'impossible' malignant oesophageal strictures (*Letters*), **555, 556**

ANGUS, P W. *See* HEWSON, E G, YEOMANS, N D, *et al.*

Anisakiasis caused by herring in vinegar (*Case reports*), **843**

Anorectal contractility under basal conditions and during rectal infusion of saline in ulcerative colitis, **769**

——function, manovolumetry for investigation of, **614**

Anorexia nervosa and bulimia nervosa, delayed gastric emptying in, determinants of, **458**

Antacid maintenance therapy in prevention of duodenal ulcer relapse (*Clinical trial*), **1748**

——treatment, healing of duodenal ulcer under, risk factors for, and need for individual treatment, **291**

Antibiotic prophylaxis for endoscopic sphincterotomy for common bile duct stones (*Letters*), **874, 875**

——therapy, diarrhoea due to *Clostridium defficle* after, pathogenesis of, *in vitro* study in rabbit intestine, **598**

—— ——, response of jejunal mucosa of dogs with aerobic and anaerobic bacterial overgrowth to, **473**

Antigens, histocompatibility, not associated with alcoholic liver disease in study of patients in Scotland and NE England, **146**
——, HLA-DR, expression on bile duct epithelium in primary sclerosing cholangitis, **422**
Anti-gluten antibodies, serum levels, and jejunal morphology, effect of low gluten diet in treatment of adult coeliac disease, **1564**
Antimitochondrial antibodies with M2-M4 pattern in immunofluorescence, heterogeneity assessed by Western immunoblotting and ELISA, **440**
Antithrombin III treatment of intravascular coagulation in acute liver failure in rats, **1103**
α-Antitrypsin, faecal, in chronic inflammatory bowel disease (*Letters*), **262**
APPLETON, G V N, WHEELER, E E, AL-MUFTI, R, CHALLACOMBE, D N, and WILLIAMSON, R C N: Rectal hyperplasia after jejunoileal bypass for morbid obesity, **1544**
Arachidonate and 5-lipoxygenase products, endogenous, source of, in human neutrophils stimulated by bradykinin and A23187, **319**
ARILLA, E. *See* ROCA, B, FERNANDEZ-VALENCIA, R, *et al.*
ARMIGLIATO, M. *See* BORTOLOTTI, F, CALZIA, R, *et al.*
ARNDORFER, R C. *See* HELM, J F, VENU, R P, *et al.*
ARNOLD, J D: Antibiotic prophylaxis for endoscopic sphincterotomy (*Letter*), **874**
Arthritis, gut inflammation related to, Ig containing cells in terminal ileum and colorectum in, **916**
ARTHUR, M H. *See* COLLINS, J F, STRICKLAND, R G, *et al.*
Ascites, caused by impaired hepatic inactivation of blood borne endogenous opioid peptides?, **1167**
Aspiration cytology, needle, endoscopic, in diagnosis of upper gastrointestinal cancer (*Letters*), **556, 557**
ASTRUP, L. *See* LAURITSEN, K, RUNE, S J, *et al.*
ATKINSON, M, and ROBERTSON, C S: Benign oesophageal stricture in Barrett's columnar epithelialised oesophagus and its responsiveness to conservative management, **1721**
AUER, I O, GROSCH, L, HARDÖRFER, C, and RÖDER, A: Ulcerative colitis specific cytotoxic IgG-autoantibodies against colonic epithelial cancer cells, **1639**
AUFSES, A H, JR. *See* GREENSTEIN, A J, LACHMAN, P, *et al.*
AUSTEN, B M. *See* HUDDY, S P J, PATEL, G, *et al.*
AUSTIN, L L, and DOBBINS, W O: Studies of the rectal mucosa in coeliac sprue: the intraepithelial lymphocyte, **200**
Autoantibodies, IgG, ulcerative colitis specific, cytotoxic to colonic epithelial cancer cells, **1639**
Autoradiography *ex vivo*, cell kinetics analysis of background colonic mucosa of patients with intestinal neoplasms by, **997**
AXON, A T R. *See* BURKE, D A, and AXON, A T R
——. *See* COPE, G F, HEATLEY, R V, *et al.*
Azathioprine, devastating diarrhoea due to, complicating management of inflammatory bowel disease (*Case reports*), **686**
Azodisalicylate (azodisal sodium), secretory effect on short circuited mucosa of rat ileum *in vitro,* **336**

B cells, activated, in mesenteric lymph nodes in inflammatory bowel disease, hybridomas generated from, specificity of antibodies secreted by, **35**
——, ——, pancreatic, of rats, toxic effects of cyclosporin on, prevention by prostaglandin analogue (Rioprostil), **1524**
BAAK, L C. *See* JANSEN, J B M J, LUNDBORG, P, *et al.*
BABA, S. *See* NAKAMURA, S, KINO, I, *et al.*
BABANY, G. *See* LARREY, D, FRÉNEAUX, E, *et al.*
BABBS, C, WARNES, T W, and HABOUBI, N Y: Non-cirrhotic portal hypertension with hypoxaemia (*Case report*), **129**
Bacterial overgrowth, aerobic and anaerobic, jejunal mucosa of dogs with, response to antibiotic therapy, **473**
BADR-EL-DIN, S, TREJDOSIEWICZ, L K, HEATLEY, R V, and LOSOWSKY, M S: Local immunity in ulcerative colitis: evidence for defective secretory IgA production, **1070**
BAGNI, B. *See* PAZZI, P, PUTINATI, S, *et al.*
BAILY, J. *See* VANDERHOOF, J A, GRANDJEAN, C J, *et al.*
BALDI, F, FERRARINI, F, LONGANESI, A, ANGELONI, M, RAGAZZINI, M, MIGLIOLI, M, and BARBARA, L: Oesophageal function before, during, and after healing of erosive oesophagitis, **157**
BALLARD, H J, WILKES, J M, and HIRST, B H: Effect of alcohols on gastric and small intestinal apical membrane integrity and fluidity, **1648**
Balloon or bougie for dilatation of benign oesophageal stricture? (*Clinical trial*), **1741**
BANERJEE, A K, and PETERS, T J: Crohn's or poisoning? (*Letter*), **1152**
BANNISTER, J J, LAWRENCE, W T, SMITH, A, THOMAS, D G, and READ, N W: Urological abnormalities in young women with severe constipation, **17**
BARBARA, L. *See* BALDI, F, FERRARINI, F, *et al.*
BARBER, D C. *See* BAXTER, A J, MANGNALL, Y F, *et al.*
BARCLAY, G R, and TURNBERG, L A: Effect of moderate exercise on salt and water transport in the human jejunum, **816**
BARDHAN, K D, HUNTER, J O, MILLER, J P, THOMSON, A B R, GRAHAM, D Y, RUSSELL, R I, SONTAG, S, HINES, C, MARTIN, T, GAUSSEN, L, VAN THIEL, D, ACHORD, J, and BUTLER, J K: Antacid maintenance therapy in the prevention of duodenal ulcer relapse (*Clinical trial*), **1748**
Barium enema, double contrast, plus flexible sigmoidoscopy *v* colonoscopy in rectal bleeding, prospective comparison, **1188**
BARRATT, P J. *See* GIBSON, P R, VAN DE POL, E, *et al.*
BARRETT, J. *See* ROBINSON, P H, CLARKE, M, *et al.*
Barrett's oesophagus, epithelialised, columnar, benign oesophageal stricture in, and responsiveness to conservative management, **1721**
BARSOUM, M S. *See* HOSKING, S W, DOSS, W, *et al.*
BARTOLO, D C C: Preservation of faecal continence during rises in intra-abdominal pressure (*Letter*), **553**
BARTON, T. *See* MATTHEWSON, K, BARTON, T, *et al.*
BASKERVILLE, A, and NEWELL, D G: Naturally occurring chronic gastritis and *C pylori* infection in the Rhesus monkey: a potential model for gastritis in man, **465**
BASSOTTI, G, GABURRI, M, IMBIMBO, B P, ROSSI, L, FARRONI, F, PELLI, M A, and MORELLI, A: Colonic mass movements in idiopathic chronic constipation, **1173**
BATT, R M, MCLEAN, L, and RILEY, J E: Response of the jejunal mucosa of dogs with aerobic and anaerobic bacterial overgrowth to antibiotic therapy, **473**
BAUM, H. *See* FUSCONI, M, GHADIMINEJAD, I, *et al.*
BAXTER, A J, MANGNALL, Y F, LOJ, E H, BROWN, B, BARBER, D C, JOHNSON, A G, and READ, N W: Evaluation of applied potential tomography as a new non-invasive gastric secretion test, **1730**
BAXTER, J N. *See* PARR, N J, GRIME, S, *et al.*
BAXTER, P S. *See* TAYLOR, C J, BAXTER, P S, *et al.*
BAYES, A. *See* CERVERA, R, BRUIX, J, *et al.*
BAYLOR, J M. *See* VANDERHOOF, J A, GRANDJEAN, C J, *et al.*
BECKERS, E J, REHRER, N J, BROUNS, F, TENHORR, F, and SARIS, W H M: Determination of total gastric volume, gastric secretion and residual meal using the double sampling technique of George, **1725**
BEGLINGER, C, KOEHLER, E, BORN, W, FISCHER, J A, KELLER, U, HANSSEN, L E, and GYR, K: Effect of calcitonin and calcitonin gene-related peptide on pancreatic functions in man, **243**
BEKER, J A. *See* BORKENT, M V, and BEKER, J A
BENAMOUZIG, R. *See* RUSZNIEWSKI, P, GIRARD, F, *et al.*
BENDTSEN, F. *See* LAURITSEN, K, RUNE, S J, *et al.*
BENHAMOU, J P. *See* LARREY, D, FRÉNEAUX, E, *et al.*
——. *See* VALLA, D, DENNINGER, M-H, *et al.*
BENJAMIN, S. *See* RAO, S S C, READ, N W, *et al.*
BENNETT, J R. *See* COX, J G C, WINTER, R K, *et al.*
BENSON, L. *See* CONTRACTOR, Q Q, BENSON, L, *et al.*
BERGES, W. *See* FRIELING, T, BERGES, W, *et al.*
BERGMANN, K. *See* MÜLLER, M K, DEGENHARDT, H, *et al.*
BERNIER, J-J. *See* RAMBAUD, J C, JIAN, R, *et al.*
BERSANI, G. *See* BORTOLOTTI, M, and BERSANI, G
BERSON, A. *See* LARREY, D, FRÉNEAUX, E, *et al.*
BEUBLER, E. *See* MUNCK, L K, MAERTZ-NIELSEN, A, *et al.*
BEYREISS, K. *See* BOOTH, I W, PATEL, P B, *et al.*
BIANCHI, F B. *See* FUSCONI, M, GHADIMINEJAD, I, *et al.*

BIANCHI PORRO, G, PARENTE, F, and LAZZARONI, M: Tripotassium dicitrato bismuthate on unhealed duodenal ulcers (*Letter*), **551**
Bicarbonate delivery to gastroduodenal mucosa by blood, importance for mucosal integrity (*Progress report*), **647**
——, effect on efficacy of oral rehydration therapy in experimental model of secretory diarrhoea, **1052**
——secretion, gastroduodenal, amphibian, stimulation by sucralfate and aluminium and role of local prostaglandin metabolism, **903**
BIELANSKI, W. *See* KONTUREK, S J, DEMBINSKI, A, *et al.*
Bile acid malabsorption in progressive systemic sclerosis (*Letter*), **552**
——acids, faecal, changes after promotion of intestinal tumours by small bowel resection in rat, **495**
————, ——, soluble, and colorectal musocal cell proliferation, effect of high fat consumption, **1326**
————, jejunal infusion of, effect on small bowel transit and fasting jejunal motility, **789**
——duct, common, calculi in, duodenal diverticula associated with?, **1003**
————, ——, ————, endoscopic sphincterotomy for, antibiotic prophylaxis for (*Letters*), **874, 875**
————, ——, ————, ——————, in patients with gall bladder *in situ* unfit for surgery, **114;** (*Letters*), **1295**
————, ——, ————, *in vivo* dissolution using methyl tertiary butyl ether, **143;** (*Letters*), **873**
————, ——, ————, laserlithotripsy of, **746**
————epithelium, expression of HLA-DR antigens in primary sclerosing cholangitis on, **422**
————obstruction, malignant, transpapillary iridium-192 wire in treatment of, **149**
——from Gunn rats undergoing phototherapy and unconjugated bilirubin, inhibition of intestinal water and electrolyte absorption by, **366**
——gall bladder, of gall stone patients, mucin in, influence of chenodeoxycholic and ursodeoxycholic acid treatment, **1506**
Biliary manometry, endoscopic and quantitative ^{99m}Tc-DISIDA scanning in sphincter of Oddi dysfunction, **1397**
——obstruction, endoscopic management best for (*Leading article*), **741**
————, role of ultrasound in (*Letter*), **1426**
————, ultrasound or computed tomography for initial investigation of (*Letter*), **1618**
Biliopancreatic secretion and cholecystokinin release in response to selective perfusion of duodenal loop with aminoacids, **1158**
BILIOTTI, D. *See* HABIB, F I, CORAZZIARI, E, *et al.*
Bilirubin, unconjugated, and bile from Gunn rats undergoing phototherapy, inhibition of intestinal water and electrolyte absorption by, **366**
BIRD, C C. *See* QUIRKE, P, DIXON, M F, *et al.*
BIRD, N C, and GOODMAN, A J: Activity of phospholipase A2 (*Letter*), **693**
BIRKETT, D H. *See* MURRAY, F E, GUBEN J, *et al.*
Bismuth subcitrate, colloidal. *See* De-Nol
BISSET, W M, WATT, J B, RIVERS, R P A, and MILLA P J: Ontogeny of fasting small intestinal motor activity in the human infant, **483**
BJARNASON, I, and MIDDLETON, K: Effect of polymer coating on faecal recovery of ingested 5-amino salicyclic acid in patients with ulcerative colitis (*Letter*), **413**
BJERKE, K. *See* BRANDTZAEG, P, SOLLID, L M, *et al.*
BLANK, M. *See* FERRI, G-L, ADIAN, T E; *et al.*
Bleeding, rectal, double contrast barium enema plus flexible sigmoidoscopy *v* colonoscopy in, prospective comparison, **1188**
——. *See also* Haemorrhage
BLESA, R. *See* CERVERA, R, BRUIX, J, *et al.*
Blood, bicarbonate delivery to gastroduodenal mucosa by, importance for mucosal integrity (*Progress report*), **647**
——, occult, faecal, improved test for, screening of colorectal tumours with, quantitative aspects, **1194**
BLOOM, S R. *See* FERRI, G-L, ADRIAN, T E, *et al.*
——. *See* SAVAGE, A P, SIAN, M S, *et al.*
——. *See* SPILLER, R C, TROTMAN, I F, *et al.*
Blue rubber bleb naevus disease causing gastrointestinal bleeding (*Case report*), **1408**
BODNER, E. *See* POINTNER, R, SCHWAB, G, *et al.*
Bone histomorphometry and structure in corticosteroid treated chronic active hepatitis, **378**
BONFILS, S. *See* RUSZNIEWSKI, P, GIRARD, F, *et al.*
Book reviews:
  ALPERS, D H, RAY, E, and STENSON, W F: *Manual of nutritional therapeutics*, 1988, **1756**
  ARIAS, *et al.*, eds: *The liver: biology and pathobilology*, 1988, **1295**
  BEGER, H, and BUCHLER, M, eds: *Acute pancreatitis*, 1987, **878**
  BERCI, G, and CUSCHIERI, A: *Practical laparoscopy*, 1986, **558**
  BOOTH, C C: *Doctors in science and society: essays of a clinical scientist*, 1987, **134**
  CHUNG, R S: *Therapeutic endoscopy in gastrointestinal surgery*, 1987, **263**
  Clinical gastroenterology, Vol 1, No 1, *Liver tumours*, 1987, **264**
  Clinics in gastroenterology: Diarrhoea, 1986, **136**
  ——————, Vol 14, No 2, 1986, **558**
  COOPER, B T, HALL, M J, and BARRY, R E: *Manual of gastroenterology*, 1987, **879**
  Cope's Early diagnosis of the acute abdomen (W Silen), 17th ed, 1987, **413**
  CRUICKSHANK A H: *Pathology of the pancreas*, 1986, **697**
  Current hepatology, Vol 7, 1987, **135**
  DOBBINS, W O, III: *Whipple's disease*, 1987, **415**
  DROSSMAN, D A, ed: *Manual of gastroenterologic procedures*, 2nd ed, 1987, **697**
  EASTWOOD, G L, and AVUNDUK, C: *Manual of gastroenterology: diagnosis and therapy*, 1988, **1619**
  FINKELSTEIN, A: *Water movement through lipid bilayers, pores, and plasma membranes*, 1987, **558**
  FRIEDMAN, A C, ed: *Radiology of the liver, biliary tract, pancreas and spleen*, 1987, **415**
  GITNICK G, ed: *Current gastroenterology*, 1987, **414**
  GOOSZEN, H G, *et al.*, eds: *Disordered defaecation*, 1987, **877**
  HEYWORTH, M F, and JONES, A L, eds: *Immunology of the gastrointestinal tract and liver*, 1987, **1620**
  JANOWITZ, H D: *Inflammatory bowel disease: a personal view*, 1985, **557**
  ——: *Your gut feelings: a complete guide to living better with intestinal problems*, 1987, **699**
  JARNEROT, G, ed: *Inflammatory bowel disease*, 1987, **879**
  JOHNSON, A G, and TRIGER, D R: *Liver disease and gallstones: the facts*, 1987, **698**
  LEVY, J: *A practical approach to paediatric gastroenterology*, 1988, **1756**
  MITTELSTAEDT, C A: *Abdominal ultrasound*, 1987, **135**
  MORSON, B C: *Colour atlas of gastrointestinal pathology*, 1988, **1619**
  NAKASHIMA, T, and KOJIRO, M: *Hepatocellular carcinoma*, 1986, **698**
  O'MORAIN, C A: *Crohn's disease: treatment and pathogenesis*, 1987, **1619**
  PETERS, R L, and CRAIG, J R, eds: *Liver pathology*, 1986, **878**
  PRINGLE, R: *A colour atlas of trans-thoraeic repair of hiatus hernia*, 1987, **699**
  SCOTT, and SAWYERS: *Surgery of the stomach, duodenum and small intestine*, 1987, **1152**
  SILVERSTEIN, F E, and TYTGAT, G N J: *Atlas of gastrointestinal endoscopy*, 1987, **414**
  Topics in gastroenterology, 15, 1987, **1619**
  VICARY, E: *Computers in gastroenterology*, 1988, **1427**
  WAGNER, G, and ZHANG, Y-H, eds: *Cancer of the liver, esophagus, and nasopharynx*, 1987, **878**
  Yearbook of digestive diseases, 1986, **416**
Books received, **879, 1152, 1620, 1756**
BOOTH, I W, PATEL, P B, SULE, D, BROWN, G A, BUICK, R, and BEYREISS, K: Glucose-galactose malabsorption: demonstration of specific jejunal brush border membrane defect, **1661**

——. *See also* NEWELL, S J, SARKAR, P K, *et al.*

BORCHARD, F. *See* FRIELING, T, BERGES, W, *et al.*

BORKENT, M V, and BEKER, J A: Treatment of ulcerative reflux oesophagitis with colloidal bismuth subcitrate in combination with cimetidine (*Clinical trial*), **385**

BORLAND A. *See* MOWAT, A MCI, FELSTEIN, M V, *et al.*

BORN, W. *See* BEGLINGER, C, KOEHLER, E, *et al.*

BORTOLOTTI, F, CALZIA, R, VEGNENTE, A, CADROBBI, P, RUGGE, M, ARMIGLIATO, M, MARAZZI, M G, IORIO, R, CRIVELLARO; C, PISCOPO, R, and REALDI, G: Chronic hepatitis in childhood: the spectrum of the disease, **659**

BARTOLOTTI, M, and BERSANI, G: Computer aided positioning of manometric prove in the upper digestive tract, **1007**

BOSAEUS, I. *See* ÖJERSKOG, B, ANDERSSON, H, *et al.*

BOTTAZZO, G F. *See* DE LAZZARI, F, MIRAKIAN, R, *et al.*

——. *See* FUSCONI, M, GHADIMINEJAD, I, *et al.*

BOUCHIER, I A D: Non-surgical treatment of gall stones: many contenders but who will win the crown? (*Leading article*), **137**

Bougie or balloon for dilatation of benign oesophageal stricture? (*Clinical trial*), **1741**

BOURKE, S. *See* HUMPHREYS, H, BOURKE S, *et al.*

Bowel rest and nutritional support in management of Crohn's disease, trial of, **1309**

——. *See also* Intestine(s)

BOWN, S G: Dilatation of 'impossible' malignant oesophageal strictures using angiographic techniques (*Letter*), **556**

——. *See also* MATTHEWSON, K, BARTON, T, *et al.*

BOYD, E J S, HULKS, G, THOMAS, J STJ, and MCCOLL, K E L: Hypertrophic gastritis associated with increased gastric mucosal prostaglandin E_2 concentrations in a patient with the carcinoid syndrome (*Case report*), **1270**

Bradykinin and A23187, human neutrophils stimulated by, source of endogenous arachidonate and 5-lipoxygenase products in, **319**

BRAMBLE, M G. *See* HESELTINE, D, and BRAMBLE, M G

BRAMLEY, R. *See* EVANS, D F, PYE, G, *et al.*

BRANDSTÄTTER, G. *See* GALMICHE, J P, BRANDSTÄTTER, G, *et al.*

BRANDTZAEG, P, SOLLID, L M, THRANE, P S, KVALE, D, BJERKE, K, SCOTT, H, KETT, K, and ROGNUM, T O: Lymphoepithelial interactions in the mucosal immune system (*Progress report*), **1116**

Breath methane and large bowel cancer risk in contrasting African populations, **608**

——tests, hydrogen, false negative, acidic colonic microclimate as possible reason for, **21**; (*Letters*), **874**

BRENNAN, T G. *See* JUTLEY, J K, KELLEHER, J, *et al.*

BREVINGE, H. *See* ÖJERSKOG, B, ANDERSSON, H, *et al.*

BRITISH SOCIETY OF GASTROENTEROLOGY, Working Party: Cleaning and disinfection of equipment for gastrointestinal flexible endoscopy: interim recommendations, **1134**

BROOK, C W. *See* HEWSON, E G, YEOMANS, N D, *et al.*

BROOR, S L. *See* SARIN, S K, CHARI, S, *et al.*

BROSTROM, O. *See* GYDE, S N, PRIOR, P, *et al.*

BROUNS, F. *See* BECKERS, E J, REHRER, N J, *et al.*

BROUSSE, N. *See* JARRY, A, CERF-BENSUSSAN, N, *et al.*

BROWN, B. *See* BAXTER, A J, MANGNALL, Y F, *et al.*

BROWN, D C. *See* LINEHAM, I P, LAMBERT, M A, *et al.*

BROWN, G A. *See* BOOTH, I W, PATEL, P B, *et al.*

BRUCE, W R. *See* STADLER, J, STERN, H S, *et al.*

BRUIX, J. *See* CERVERA, R, BRUIX, J, *et al.*

BRZOZOWSKI, T. *See* KOTUREK, S J, DEMBINSKI, A, *et al.*

BUCKTON, G K. *See* COX, J G C, WINTER, R K, *et al.*

BUENO, L. *See* STAUMONT, G, FIORAMONTI, J, *et al.*

BUFFET, C. *See* CADRANEL, J F, CADRANEL, J, *et al.*

BUICK, R. *See* BOOTH, I W, PATEL, P B, *et al.*

BUKHAVE, K. *See* LAURITSEN, K, LAURSEN, L S, *et al.*

——. *See* MUNCK, L K, MERTZ-NIELSEN, A, *et al.*

——. *See* NIELSEN, O H, BUKHAVE, K, *et al.*

Bulimia nervosa and anorexia nervosa, delayed gastric emptying in, determinants of, **458**

BURGET, D W. *See* JONES, D B, HOWDEN, C W, *et al.*

BURKE, D A, and AXON, A T R: Hydrophobic adhesin of *E coli* in ulcerative colitis, **41**

BURNHAM, W R. *See* O'BRIEN, J D, THOMPSON, D G, *et al.*

BUTCHER, P D, MCFADDEN, J J, and HERMON-TAYLOR, J: Investigation of mycobacteria in Crohn's disease tissue by Southern blotting and DNA hybridisation with cloned mycobacterial genomic DNA probes from a Crohn's disease isolated mycobacteria, **1222**

BUTLER, J K. *See* BARDHAN, K D, HUNTER, J O, *et al.*

BYTZER, P. *See* LAURITSEN, K, RUNE, S J, *et al.*

CADRANEL, J F, CADRANEL, J, BUFFET, C, FABRE, M, PELLETIER, G, INK, O, MILLERON, B, and ETIENNE, J P: Non-cirrhotic portal hypertension with hypoxaemia (*Letter*), **876**

CADROBBI, P. *See* BARTOLOTTI, F, CALZIA, R, *et al.*

Caerulein, acute pancreatitis induced in rats by, attenuation by allopurinol, **926**

——, —— —— —— —— —— ——, pathogenesis of, evidence for role of oxygen derived free radicals in, **1516**

Calcitonin and calcitonin gene-related peptide, effect on pancreatic functions, **243**

Calculi in common bile duct, duodenal diverticula associated with?, **1003**

—— —— —— —— ——, endoscopic sphincterotomy for, antibiotic prophylaxis for, **874, 875**

—— —— —— —— ——, —— —— ——, in patients with gall bladder *in situ* unfit for surgery, **114**; (*Letters*), **1295**

—— —— —— —— ——, *in vivo* dissolution using methyl tertiary butyl ether, **143**; (*Letters*), **873**

—— —— —— —— ——, laserlithotripsy of, **746**

Calmodulin in normal and cystic fibrosis human intestine at different developmental stages, **571**

CALZIA, R. *See* BORTOLOTTI, F, CALZIA, R, *et al.*

CAMERON, F. *See* LEVITT, M D, LAURENCE, B H, *et al.*

Campylobacter pylori, eradication of, and effect of tripotassium pylori on unhealed duodenal ulcers (*Letters*), **551**

—— ——in peptic disease, effects of colloidal bismuth subcitrate and cimetidine, trial of, **279**

—— ——in sample of Finnish population, relation to morphology and functions of gastric mucosa, **909**

—— ——infection and naturally occurring chronic gastritis in Rhesus monkey as model for gastritis in man, **465**

—— ——, role of, in trial of short term De-Nol therapy in non-ulcer dyspepsia, **1386**

CANCELLIERI, A. *See* FERRI, G-L, ADRIAN, T E, *et al.*

Carbenoxolone and cimetidine, effects on gastric mucus, **636**; (*Letters*), **1293, 1294**

Carcinogenesis, colonic, experimental, changes in faecal bile acids after promotion of intestinal tumours by small bowel resection in rat, **495**

Carcinoid syndrome, hypertrophic gastritis associated with increased gastric mucosal prostaglandin E_2 concentrations in (*Case report*), **1270**

——tumour, duodenal, small intestinal adenocarcinoma, and von Recklinghausen's neurofibromatosis (*Letter*), **553, 557** (*Addendum*)

—— ——, gastric, and parathyroid adenoma (*Case report*), **689**

Carcinoma, colonic, and adenomatous polyps, association with high acetate and low butyrate ratios, and short chain fatty acid distribution in enema samples from sigmoidoscopy population, **1539**

——, ——, incidence of, and burdens and benefit of surveillance in ulcerative colitis, **325**

——, ——, ulcerative colitis specific cytotoxic IgG autoantibodies against epithelial cancer cells in, **1639**

——, colorectal, in ulcerative colitis, cohort study of referrals from 3 centres, **206**; (*Letters*), **1291, 1618**

——, gastric, mortality due to, after remote partial gastrectomy for benign conditions, 40 years of follow up of 2633 Amsterdam patients, **1588**

——, ——, squamous, perforated, metachronous to laryngeal carcinoma, metastatic in origin? (*Case report*), **534**

——, gastrointestinal, and oncogenes (*Leading article*), **417**
——, ——, lymphokine-activated killer cell activity in (*Letters*), **693, 694**
——, ——, tumoural epithelium of, subset of HML1+ lymphocytes present in normal intestinal epithelium also associated with, **1632**
——, ——, upper, diagnosis of, endoscopic needle aspiration cytology in (*Letters*), **556, 557**
——, hepatocellular, in primary haemochromatosis without evidence of cirrhosis (*Case reports*), **1603**
—— of gastric remnant, early, **298**
—— —— —— stump, genesis of, and pancreaticoduodenal secretions in rat, **830**
—— of large bowel, risk of, and breath methane in contrasting African populations, **608**
—— of small and large bowel, synchronous, developing after pelvic irradiation (*Case report*), **126**
—— of thyroid, medullary, diarrhoea in patient with, pathophysiological study with evidence against secretory mechanism and for role of shortened colonic transit time (*Case report*), **537**
——, prevention of, coordinated European approach to, **1424**
——, rectal, surgery for, motor pattern of left colon before and after, with implications in other disorders, **624**
Cardia, yield pressure at, measurement during endoscopy, provides information on function of lower oesophageal sphincter mechanism?, **275**
CARDRANEL, J. *See* CADRANEL, J F, CADRANEL, J, *et al.*
CARR-LOCKE, D L. *See* DAVIDSON, B R, NEOPTOLEMOS, J P, *et al.*
CARSON, D J. *See* GREEVES, L G, CARSON, D J, *et al.*
CARTER, D C. *See* WILSON, C, IMRIE, C W, *et al.*
CATCHPOLE, B N: Motor pattern of the left colon before and after surgery for rectal cancer: possible implications in other disorders, **624**
CAVE, D R. *See* MURRAY, F E, GUBEN, J, *et al.*
CECCATELLI, P, JANSSENS, J, VANTRAPPEN, G, and CUCCHIARA, S: Cisapride restores the decreased lower oesophageal sphincter pressure in reflux patients, **631**
Cell kinetics analysis of background colonic mucosa of patients with intestinal neoplasms by *ex vivo* autoradiography, **997**
—— mediated immunity and intestinal pathology, development during graft-versus-host reaction in irradiated mice, **949**
CERF-BENSUSSAN, N. *See* JARRY, A, CERF-BENSUSSAN, N, *et al.*
CERVERA, R, BRUIX, J, BAYES, A, BLESA, R, ILLA, I, COLL, J, and GARCIA-PUGHES, A M: Chronic intestinal pseudoobstruction and ophthalmoplegia in a patient with mitochondrial myopathy (*Case report*), **544**
CHACKO, A, and CUMMINGS, J H: Nitrogen losses from the human small bowel: obligatory losses and the effect of physical form of food, **809**
CHALLACOMBE, D N. *See* APPLETON, G V N, WHEELER, E E, *et al.*
CHAMPIGNEULLE, B. *See* GUÉANT, J L, GÉRARD, A, *et al.*
CHAO, L P, STEELE, J, RODRIGUES, C, LENNARD-JONES, J E, STANFORD, J L, SPILIADIS, C, and ROOK, G A W: Specificity of antibodies secreted by hybridomas generated from activated B cells in the mesenteric lymph nodes of patients with inflammatory bowel disease, **35**
CHAOUI, F. *See* RAMBAUD, J C, JIAN, R, *et al.*
CHAPMAN, R W, KELLY, P M A, HERYET, A, JEWELL, D P, and FLEMING, K A: Expression of HLA-DR antigens on bile duct epithelium in primary sclerosing cholangitis, **422**
CHARI, S. *See* SARIN, S K, CHARI, S, *et al.*
CHARKES, N D. *See* SIEGEL, J A, URBAIN, J-L, *et al.*
CHAWLA, Y K. *See* DILAWARI, J B, and CHAWLA, Y K
CHAYVIALLE, J A. *See* COLOMBEL, J F, SUTTON, A, *et al.*
Chenodeoxycholic acid and ursodeoxycholic acid treatment, influence on mucin in gall bladder bile of gall stone patients, **1506**
Chest pain, non-cardiac, oesophageal manometry in patients with, comparison of intravenous edrophonium and oesophageal acid perfusion during, **1029**
Cholangitis, sclerosing, primary, expression of HLA-DR antigens on bile duct epithelium in, **422**
Cholecystokinin release and iliopancreatic secretion in response to selective perfusion of duodenal loop with aminoacids, **1158**
Choledocholithiasis. *See* CALCULI IN COMMON BILE DUCT
Cholesterol, plasma level, fall induced by malabsorption, in relation to risk of gall stone formation, **108**
—— precursors, raised plasma levels after gut resection or jejunoileal bypass, **188**
CHRONOS, N A F. *See* LANZON-MILLER, S, POUNDER, R E, *et al.*
CHU, C M, and LIAW, Y F: Acute delta superinfection in a previously unrecognised HBsAg carrier with transient loss of HBsAg simulating acute non-A, non-B hepatitis (*Case report*), **1013**
Cimetidine and carbenoxolone, effects on gastric mucus, **636**; (*Letters*), **1293, 1294**
—— and cisapride combined therapy in severe reflux oesophagitis (*Clinical trial*), **675**
—— and colloidal bismuth subcitrate, effects on *Campylobacter pylori* in peptic disease, trial of, **279**
—— and omeprazole, effect on prepyloric gastric ulcer (*Clinical trial*), **249**
—— combined with colloidal bismuth subcitrate in treatment of ulcerative reflux oesophagitis (*Clinical trial*), **385**
——, effect on indomethacin induced duodenal mucosal damage in acute musculoskeletal disorders, **1578**
——, ranitidine, famotidine, and placebo, effects on intragastric acidity, comparison in 30 normal volunteers, **81**
Circular muscle, colonic, human, electrical correlate of circumferential contractions in, **10**
Cirrhosis, clinical profile, natural course and survival, comparison of young adults with older patients, **101**
—— of liver, oesophageal variceal pressure not reduced by somatostatin in, **153**; (*Letters*), **1289**
Cisapride and cimetidine combined therapy in severe reflux oesophagitis (*Clinical trial*), **675**
—— restoration of decreased lower oesophageal sphincter pressure in reflux patients, **631**
CLAMP, J R. *See* ENE, M D, CLAMP, J R, *et al.*
CLARK, A G. *See* EVANS, D F, PYE, G, *et al.*
CLARK, M L. *See* MONTGOMERY, A M P, GOKA, A K J, *et al.*
CLARKE, M. *See* ROBINSON, P H, CLARKE, M, *et al.*
CLAY, J. *See* ANDREWS, H, WYKE, J, *et al.*
CLEMENTS, D, ELLIS, C J, and ALLAN, R N: Persistent shigellosis (*Case history*), **1277**
Clostridium difficile, postantibiotic diarrhoea due to, pathogenesis of, *in vitro* study in rabbit intestine, **598**
Coagulation, intravascular, in acute liver failure in rats and treatment with antithrombin III, **1103**
COBDEN, I: Intestinal permeability (*Letter*), **693**
Codeine and loperamide, effects on upper intestinal transit and absorption in normal subjects and in postvagotomy diarrhoea, **312**
Coeliac disease, adult, low gluten diet in treatment of, effect on jejunal morphology and serum anti-gluten antibodies, **1564**
—— ——, cystic pneumatosis in (*Case report*), **852**
—— ——, sorbitol malabsorption in, **44**
—— sprue, rectal mucosal intraepithelial lymphocytes in, **200**
COLEBUNDERS, R, LUSAKUMUNI, K, NELSON A M, GIGASE, P, LEBUGHE, I, VAN MARCK, E, KAPITA, B, FRANCIS, H, SALAUN, J-J, QUINN, T C, and PIOT, P: Persistent diarrhoea in Zairian AIDS patients: an endoscopic and histological study, **1687**
Colectomy for severe idiopathic constipation, outcome of, **969**
Colitis, pseudomembraneous, epidemic of – or nosocomial case clustering? (*Letters*), **694, 695**
——, ulcerative, and Crohn's disease, decreased neutrophil oxidative metabolism and low superoxide dismutase content in, **223**
——, ——, —— —— —— in unselected population of monozygotic and dizygotic twins, heritability and influence of smoking, **990**
——, —— ——, longterm olsalazine treatment of, pharmacokinetics, tolerance and effects on local eicosanoid formation, **974**
——, ——, anorectal contractility under basal conditions and during rectal infusion of saline in, **769**
——, ——, characterised by abnormal colonic epithelial cell?, **516**

——, ——, faecal recovery of ingested 5-amino salicylic acid in, effect of polymer coating (*Letter*), **413**

——, ——, colorectal cancer in, cohort study of referrals from 3 centres, **206**; (*Letters*), **1291, 1618**

——, ——, fulminant herpes simplex hepatitis in (*Case report*), **257**

——, ——, hydrophobic adhesin of *E coli* in, **41**

——, ——, IgG autoantibodies cytotoxic to colonic epithelial cancer cells and specific to, **1639**

——, ——, local immunity and evidence for defective secretory IgA production in, **1070**

——, ——, maintenance treatment of, comparison of olsalazine with sulphasalazine for (*Clinical trial*), **835**

——, ——, medical treatment of, evaluation of advances in (*Leading article*), **1298**

——, ——, mucus glycoprotein production *in vitro* by colonic tissue from patients with, **229**

——, ——, olsalazine and gastrointestinal transit in (*Letters*), **695, 696**

——, ——, relapse in, colonic eicosanoid concentrations as predictors of, study in patients previously maintained on sulphasalazine, **1316**

——, ——, restorative proctocolectomy (ileo-anal pouch procedure) for (*Leading article*), **561**

——, ——, surveillance in, burdens and benefit of, and incidence of colonic cancer, **325**

——, ——, symptoms and stool patterns in, **342**

——, ——, treatment of mild to moderate relapse in, comparison of delayed release 5 aminosalicylic acid (mesalazine) and sulphasalazine in (*Clinical trial*), **669**

COLL, J. *See* CERVERA, R, BRUIX, J, *et al.*

COLLINS, J F, STRICKLAND, R G, KEKAHBAH, E L, ARTHUR, M H, NAEIM, F, and GITNICK, G L: Histological response and antigen transmission in the lymph nodes of athymic *nu/nu* mice inoculated with Crohn's disease tissue filtrates, **983**

COLOMBEL, J F, HÄLLGREN, R, VENGE, P, MESNARD, B, and RAMBAUD, J C: Neutrophil and eosinophil involvement of the small bowel affected by chronic alcoholism, **1656**

——, SUTTON, A, CHAYVIALLE, J A, and MODIGLIANI, R: Cholecystokinin release and biliopancreatic secretion in response to selective perfusion of the duodenal loop with aminoacids in man, **1158**

Colon, acidic microclimate as possible reason for false negative hydrogen breath tests, **21**; (*Letters*), **874**

——, carcinogenesis, experimental, changes in faecal bile acids after promotion of intestinal tumours by small bowel resection in rat, **495**

——, carcinoma of, and adenomatous polyps, association with high acetate and low butyrate ratios, and short chain fatty acid distribution in enema samples from sigmoidoscopy population, **1539**

——, ————, incidence of, and burdens and benefit of surveillance in ulcerative colitis, **325**

——, ————, ulcerative colitis specific cytotoxic IgG autoantibodies against epithelial cancer cells in, **1639**

——, circular muscle, human, electrical correlate of circumferential contractions in, **10**

——, defect in severe idiopathic constipation defined by dynamic scanning, **1085**

——, eicosanoid concentrations as predictors of relapse in ulcerative colitis, study in patients previously maintained on sulphasalazine, **1316**

——, epithelial cells, abnormal, ulcerative colitis characterised by?, **516**

——, ————, lysis by allogeneic mononuclear and lymphokine activated killer cells derived from peripheral blood and intestinal mucosa in inflammatory bowel disease, **1076**

——, left, motor pattern before and after surgery for rectal cancer with implications in other disorders, **624**

——, mass movements in idiopathic chronic constipation, **1173**

——, motility changes induced by sennosides in dogs, evidence of prostaglandin mediation in, **1180**

——, mucosa of, background, of patients with intestinal neoplasms cell kinetics analysis by *ex vivo* autoradiography, **997**

——, ————, normal and in inflammatory bowel disease, macrophage heterogeneity in, **1531**

——, multifocal heterotopic gastric mucosa in, bleeding from, control by H_2 antagonist (ranitidine), **848**

——, neoplasia of, suspected, open access colonscopy for, **1322**

——, normal, lactitol assimilation in, **1666**

——, rat, epithelium differential distribution of protein kinases along crypt-to-lumen regions of, **1213**

——, ——, normal and neoplastic, low power interstitial Nd YAG laser photocoagulation in, **27**

——, tissue from patients with ulcerative colitis, *in vitro* mucus glycoprotein production by, **229**

Colonoscopy, open access, for suspected colonic neoplasia, **1322**

—— *v* double contrast barium enema plus flexible sigmoidoscopy in rectal bleeding, prospective comparison, **1188**

Colorectal carcinoma in ulcerative colitis, cohort study of referrals from 3 centres, **206**; (*Letters*), **1291, 1618**

—— mucosal cell proliferation and soluble faecal bile acids, effect of high fat consumption, **1326**

—— tumours, screening with improved faecal occult blood test, quantitative aspects, **1194**

Colorectum and terminal ileum, Ig containing cells in arthritis related gut inflammation, **916**

COMPSTON, J E. *See* MOTLEY, R J, CRAWLEY, E O, *et al.*

——. *See* STELLON, A J, WEBB, A, *et al.*

Computed tomography or ultrasound for initial investigation of biliary obstruction (*Letter*), **1618**

Computer-aided positioning of manometric probe in upper digestive tract, **1007**

CONNOLLY, G M, DRYDEN, M S, SHANSON, D C, and GAZZARD, B G: Cryptosporidial diarrhoea in AIDS and its treatment, **593**

Constipation, chronic, idiopathic, colonic mass movements in, **1173**

——, idiopathic, severe, colectomy for, outcome of, **969**

——, ——, ——, colonic defect defined by dynamic scanning in, **1085**

——, intractable, neurophysiological dysfunction in young women with, **963**

——, severe, urological abnormalities in young women with, **17**

Continence, faecal, preservation during rises in intra-abdominal pressure (*Letter*), **553**

CONTRACTOR, Q Q, BENSON, L, SCHULZ, T B, CONTRACTOR, T Q, and KASTURI, N: Duodenal involvement in *Schistosoma mansoni* infection (*Case report*), **1011**

CONTRACTOR, T Q. *See* CONTRACTOR, Q Q, BENSON, L, *et al.*

COOKE, T. *See* SAVAGE, A P, SIAN, M S, *et al.*

COPE, G F, HEATLEY, R V, KELLEHER, J, and AXON, A T R: *In vitro* mucus glycoprotein production by colonic tissue from patients with ulcerative colitis, **229**

CORAZZA, G R, STROCCHI, A, ROSSI, R, SIROLA, D, and GASBARRINI, G: Sorbitol malabsorption in normal volunteers and in patients with coeliac disease, **44**

CORAZZIARI, E. *See* HABIB, F I, CORAZZIARI, E, *et al.*

CORNWALL, S. *See* ALLISON, M C, CORNWALL, S, *et al.*

Corrections, **880, 1756**

Corticosteroids, chronic active hepatitis treated with, bone histomorphometry and structure in, **378**

COTTON, P B. *See* LINEHAN, I P, LAMBERT, M A, *et al.*

COX, J, DANESHMEND, T K, HAWKEY, C J, LOGAN, R F A, and WALT, R P: Devastating diarrhoea caused by azathioprine: management difficulty in inflammatory bowel disease (*Case reports*), **686**

COX, J G C, WINTER, R K, MASLIN, S C, JONES, R, BUCKTON, G K, HOARE, R C, SUTTON, D R, and BENNETT, J R: Balloon or bougie for dilatation of benign oesophageal stricture?: an interim report of a randomised controlled trial (*Clinical trial*), **1741**

CRAIG, T. *See* CREED, F, CRAIG, T, *et al.*

CRAMPTON, J R, GIBBONS, L C, and REES, W D W: Stimulation of amphibian gastroduodenal bicarbonate secretion by sucralfate and aluminium: role of local prostaglandin metabolism, **903**

CRANFORD, C. *See* ERIKSEN, C A, SADEK, S A, *et al.*

CRAWKLEY, E O. *See* MOTLEY, R J, CRAWLEY, E O, *et al.*

CREED, F, CRAIG, T, and FARMER, R: Functional abdominal pain, psychiatric illness, and life events, **235**

——, and GUTHRIE, E: Psychological factors in the irritable bowel syndrome (*Letter*), **411**

Cricopharyngeal sphincter and oesophageal body, functional relationships in response to graded intraluminal distension, **161**

CRITCHLEY, M. *See* PARR, N J, GRIME, S, *et al.*

CRIVELLARO, C. *See* BORTOLOTTI, F, CALZIA, R, *et al.*

Crohn's and ulcerative colitis, longterm olsalazine treatment of, pharmacokinetics, tolerance and effects on local eicosanoid formation, **974**

—— disease and mycobacteria (*Leading article*), **1017**

—— —— and ulcerative colitis, decreased neutrophil oxidative metabolism and low superoxide dismutase content in, **223**

—— —— —— —— —— in unselected population of monozygotic and dizygotic twins, heritability and influence of smoking, **990**

—— ——, bowel rest and nutritional support in management of, trial of, **1309**

—— ——, case of? – or poisoning? (*Letter*), **1152**

—— ——, disordered regulation of immunoglobulin synthesis *in vitro* by intestinal mononuclear cells in, **503**

—— ——, epidemiologic aspects in population based study in Olmsted County, Minnesota, 1943–82, **49**

—— —— in Cardiff, incidence over more than 50 years (1931–85), **346**

—— ——, ^{111}Indium autologous mixed leucocyte scanning in, for assessment of disease extent and activity, **821**

—— ——, lactulose-mannitol test in, assessment of, **511**

—— ——, perforating and non-perforating indications for repeated operations in, **588**

—— ——, permeability disorder of tight junction? (*Leading article*), **1621**

—— ——, small intestinal permeability to polyethyleneglycol 600 in, peroperative determination in defined segment, **196**

—— ——, smoking and sugar intake as separate but interactive risk factors in, **1202**

—— —— tissue filtrates, lymph nodes of athymic *nu/nu* mice inoculated with, histological response and antigen transmission in, **983**

—— —— ——, mycobacteria in, investigation by Southern blotting and DNA hybridisation with cloned mycobacterial genomic DNA probes, **1222**

—— ——, total parenteral nutrition as primary treatment in, reassessment of (*Leading article*), **1304**

CROSBIE, R B. *See* PARR, N J, MURPHY, C, *et al.*

CROWE, J. *See* MURRAY, F E, LOMBARD, M, *et al.*

Cryptosporidial diarrhoea in AIDS, incidence, diagnosis and treatment, **593**

CUCCHIARA, S. *See* CECCATELLI, P, JANSSENS, J, *et al.*

CUEVA, J P, and HSUEH, W: Role of oxygen derived free radicals in platelet activating factor induced bowel necorsis, **1207**

CUMMINGS, J H. *See* CHACKO, A, and CUMMINGS, J H

——. *See* SEGAL, I, WALKER, A R P, *et al.*

CUMMINS, A G, STEELE, T W, LABROOY, J T, and SHEARMAN, D J C: Maturation of the rat small intestine at weaning: changes in epithelial cell kinetics, bacterial flora, and mucosal immune activity, **1672**

CUSCHIERI, A. *See* ERIKSEN, C A, SADEK, S A, *et al.*

Cushing's syndrome, paraneoplastic, in Zoolinger-Ellison syndrome, long acting somatostatin treatment of (*Case report*), **838**

CUVELIER, C, MIELANTS, H, DE VOS, M, VEYS, E, and ROELS, H: Immunoglobulin containing cells in terminal ileum and colorectum of patients with arthritis related gut inflammation, **916**

Cyclosporin, toxic effects on pancreatic B cells of rats, prevention by prostaglandin analogue (Rioprostil), **1524**

Cystic fibrosis, calmodulin in human intestine at different developmental stages in, **571**

—— ——, jejunal biopsies from children with, failure to induce secretion in, **957**

—— ——, steatorrhoea in, monitoring of, markers for faecal fat estimation in, **1286**

—— pneumatosis in coeliac disease (*Case report*), **852**

Cytomegalovirus infection, acquired, adult, with gastric and duodenal ulceration (*Case report*), **1109**

Cytosol, somatostatin binding to, and somatostatin concentration in rabbit gastric mucosa, effects of fasting and refeeding, **642**

Cytosolic retinoic acid binding protein in human pancreas, **1093**

DALAYEUN, J F. *See* NORES, J M, DALAYEUN, J F, *et al.*

DALGLEISH, D. *See* LANZON-MILLER, S, POUNDER, R E, *et al.*

DANESH, B J Z, DUNCAN, A, RUSSELL, R I, and MITCHELL, G: Effect of intragastric pH on mucosal protective action of sucralfate, **1379**

DANESHMEND, T K. *See* COX, J, DANESHMEND, T K, *et al.*

DANISH OBESITY PROJECT. *See* SØRENSEN, T I A, ANDERSEN, B, *et al.*

DARMENTON, P. *See* RAUL, F, GOSSE, F, *et al.*

DAS, U N, REDDY, D N, RAO, P N, and RADHA, V: Essential fatty acids and peptic ulcer disease (*Letter*), **134**

DAVIDSON, B R, NEOPTOLEMOS, J P, and CARR-LOCKE, D L: Endoscopic sphincterotomy for common bile duct calculi in patients with gall bladder *in situ* considered unfit for surgery, **114**; (*Letter*, by Neoptolemos and Carr-Locke), **875**; (*Letter*, by Neoptolemos), **1295**

——, ——, WATKIN, D, and TALBOT, I C: Invasive amoebiasis: an unusual presentation (*Case report*), **682**

DAVIES, D R. *See* CAJRAJ, H, DAVIES, D R, *et al.*

DAY, D W. *See* QUIRKE, P, DIXON, M F, *et al.*

DEAN, H. *See* THORNTON, J R, DEAN, H, *et al.*

DE CAESTECKER, J S, PRYDE, A, and HEADING, R C: Comparison of intravenous edrophonium and oesophageal acid perfusion during oesophageal manometry in patients with non-cardiac chest pain, **1029**

DE CURTIS, M. *See* GUANDALINI, S, FASANO, A, *et al.*

DEGENHARDT, H. *See* MÜLLER, M K, DEGENHARDT, H, *et al.*

DEGOTT, C. *See* LARREY, D, FRÉNEAUX, E, *et al.*

DE LAZZARI, F, MIRAKIAN, R, HAMMOND, L, VENTURI, C, NACCARATO, R, and BOTTAZZO, G F: Gastric cell c-AMP stimulating autoantibodies in duodenal ulcer disease, **94**

DELPRE, G, and KADISH, U: A genetic predisposition for colorectal cancer in inflammatory bowel disease (*Letter*), **1618**

Delta superinfection, acute, in HBsAg carrier with transient loss of HBsAg simulating acute non-A, non-B hepatitis (*Case report*), **1013**

DELVIGNE, J-M. *See* VALLA, D, DENNINGER, M-H, *et al.*

DE MASI, E. *See* HABIB, F I, CORAZZIARI, E, *et al.*

DEMBINSKI, A. *See* KONTUREK, S J, DEMBINSKI, A, *et al.*

DEMLING, L. *See* ELL, C, LUX, G, *et al.*

DENNINGER, M-H. *See* VALLA, D, DENNINGER, M-H, *et al.*

De-Nol and cimetidine, effects on *Campylobacter pylori* in peptic disease, trial of, **279**

—— combined with cimetidine in treatment of ulcerative reflux oesophagitis (*Clinical trial*), **385**

——, effect on unhealed duodenal ulcers, and eradication of *Campylobacter pylori* (*Letters*), **551**

——, gastroprotective and ulcer healing actions in rats, epidermal growth factor in, **894**

—— therapy, short term, in non-ulcer dyspepsia, trial of, and role of *Campylobacter pylori*, **1386**

DENT, J, HOLLOWAY, R H, TOOULI, J, and DODDS, W J: Mechanisms of lower oesophageal sphincter incompetence in patients with symptomatic gastrooesophageal reflux, **1020**

——. *See also* HEDDLE, R, FONE, D, *et al.*

DENYER, M E. *See* JUTLEY, J K, KELLEHER, J, *et al.*

Deoxycholic acid and pathogenesis of gall stones (*Progress report*), **522**

DERVAN P. *See* MURRAY, F E, LOMBARD, M, *et al.*

DESCOS, L. *See* ANDRE, F, ANDRE, C, *et al.*

Despentapeptide-insulin regulation of glucose homeostasis in rat jejunum *in vitro*, **1064**

DE VOS, M. *See* CUVELIER, C, MIELANTS, H, *et al.*

Dextrose, intraduodenal, stimulation of pyloric motility in normal subjects by, **1349**

DHILLON, A P. *See* ALLISON, M C, CORNWALL, S, *et al.*

Diabetes insipidus, pituitary, primary polydipsia and autoimmune chronic active hepatitis associated with, case of (*Letter*), **1755**

—— mellitus and idiopathic faecal incontinence, comparative study of pelvic floor neuropathy in, **756**

Diarrhoea, cryptosporidial, in AIDS, incidence, diagnosis and treatment, **593**

——, devastating, due to azathioprine complicating management of inflammatory bowel disease (*Case reports*), **686**

—— in patient with medullary thyroid carcinoma, pathophysiological study with evidence against secretory mechanism and for role of shortened colonic transit time (*Case report*), **537**

——, persistent, in Zairian AIDS patients, endoscopic and histological study, **1687**

——, postantibiotic, due to *Clostridium difficile*, pathogenesis of, *in vitro* study in rabbit intestine, **598**

——, postvagotomy, upper intestinal transit and absorption in, effects of codeine and loperamide, **312**

——, secretory, effect of bicarbonate on efficacy of oral rehydration therapy in experimental model of, **1052**

DICK, H M. *See* MILLS, P R, MACSWEEN, R N M, *et al.*

DIEHL, P H. *See* GOERG, K J, WANITSCHKE, R, *et al.*

Dietary factors in aetiology of gall stones, case control study, **1511**

Digestive. *See* Gastrointestinal

DILAWARI, J B, and CHAWLA, Y K: Extrahepatic portal venous obstruction (*Letter*), **554**

16,16-Dimethyl-prostaglandin-E_2, morphological and functional effects on mucosal adaptation after massive distal small bowel resection in rat, **802**

Disaccharides, 'unabsorbed'. *See* Lactitol

DISCHE, R. *See* SHLIEN, R D, MEYERS, S, *et al.*

DISIDA, 99mTc, scanning, quantitative, and endoscopic biliary manometry in sphincter of Oddi dysfunction, **1397**

Diverticula, duodenal, associated with choledocholithiasis?, **1003**

Diverticular disease and irritable bowel syndrome, sigmoid motility in, **218**; (*Letters*), **1290**

DIXON, M F. *See* QUIRKE, P, DIXON, M F, *et al.*

DJURHUUS, J C. *See* GREGERSEN, H, JENSEN, L S, *et al.*

DNA aneuploidy and cell proliferation in familial adenomatous polyposis, **603**

—— hybridisation with cloned mycobacterial genomic DNA probes and Southern blotting, investigation of mycobacteria in Crohn's disease tissue by, **1222**

DOBBINS, W O. *See* AUSTIN, L L, and DOBBINS, W O

DOBRILLA, G, VALLAPERTA, P, and AMPLATZ, S: Influence of ulcer healing agents on ulcer relapse after discontinuation of acute treatment: a pooled estimate of controlled clinical trials, **181**

DODDS, W J. *See* DENT, J, HOLLOWAY, R H, *et al.*

——. *See* HELM, J F, VENU, R P, *et al.*

DODGE, J A. *See* GREEVES, L G, CARSON, D J, *et al.*

DOE, W F. *See* GIBSON, P R, VAN DE POL, E, *et al.*

DOFFOEL, M. *See* RAUL, F, GOOSE, F, *et al.*

——. *See* ROCHETTE-EGLY, C, LACROIX, B, *et al.*

DOLAN, C. *See* MCCORMICK, P A, FEIGHERY, C, *et al.*

DOOLEY, C. *See* HUMPHREYS, H, BOURKE, S, *et al.*

DORRINGTON, L. *See* ROKKAS, T, PURSEY, C, *et al.*

DOSS, W. *See* HOSKING, S W, DOSS, W, *et al.*

DROZDOWICZ, D. *See* KONTUREK, S J, DEMBINSKI, A, *et al.*

DRYDEN, M S. *See* CONNOLLY, G M, DRYDEN, M S, *et al.*

DUANE, P. *See* PREEDY, V R, DUANE, P, *et al.*

DUDLEY, F J. *See* QUIGLEY, E M M, MILLS, P R, *et al.*

DUNCAN, A. *See* DANESH, B J Z, DUNCAN, A, *et al.*

——. *See* PARK, R H R, MCKILLOP, J H, *et al.*

Duodenal carcinoid tumour, small intestinal adenocarcinoma and von Recklinghausen's neurofibromatosis (*Letter*), **553**, **557** (*Addendum*)

—— diverticula, associated with choledocholithiasis?, **1003**

—— loop, selective aminoacid perfusion of, cholecystokinin release and biliopancreatic secretion in response to, **1158**

Duodenum, involvement in *Schistosoma mansoni* infection (*Case report*), **1011**

——, motor activity, effects of osmoreceptor stimulation, **173**

——, mucosal damage in acute musculoskeletal disorders induced by indomethacin, effect of cimetidine, **1578**

——, rabbit, acid stimulated alkaline secretion in, passive diffusion and correlation with mucosal damage, **284**

——, ulcer, active, pattern of 24 hour intragastric acidity in, **1583**

——, ——, and gastric ulcer, adult acquired cytomegalovirus infection with (*Case report*), **1109**

——, ——, basal and stimulated acid secretion and fasting plasma gastrin in, effect of 'weekend therapy' with omeprazole, **1715**

——, ——, gastric cell c-AMP stimulating autoantibodies in, **94**

——, ——, H_2 receptor sensitivity in, alteration after maintenance treatment with H_2 receptor antagonist (ranitidine), **890**

——, ——, healing under antacid treatment, risk factors for, and need for individual treatment, **291**

——, ——, high intragastric pH maintained by continuous intravenous famotidine infusions in, **453**

——, ——, relapse, antacid maintenance therapy in prevention of (*Clinical trial*), **1748**

——, ——, unhealed, effect of tripotassium dicitrato bismuthate, and eradication of *Campylobacter pylori* (*Letters*), **551**

——, ulceration and postoperative recurrence, overlooked factor in? (*Leading article*), **1625**

DURBIN, G M. *See* NEWELL, S J, SARKAR, P K, *et al.*

DUTT, S. *See* RILEY, S A, MANI, V, *et al.*

Dynamic scanning, colonic defect in severe idiopathic constipation defined by, **1085**

DYSON, T J. *See* EVANS, D F, PYE, G, *et al.*

Dyspepsia, non-ulcer, short term De-Nol therapy in, trial of, and role of *Campylobacter pylori*, **1386**

EARLAM, R J. *See* ANDREOLLO, N A, THOMPSON, D G, *et al.*

——. *See* THOMPSON, D G, ANDREOLLO, N A, *et al.*

Eating. *See* FEEDING

EDE, R J, MOORE, K P, MARSHALL, W J, and WILLIAMS R: Frequency of pancreatitis in fulminant hepatic failure using isoenzyme markers, **778**

EDMOND, M. *See* KATSCHINSKI, B, LOGAN, R F A, *et al.*

Edrophonium, intravenous, during oesophageal manometry in patients with non-cardiac chest pain, comparison with oesophageal acid perfusion, **1029**

EDSON, C M. *See* INGE, P M G, EDSON, C M, *et al.*

EDWARDS, F C. *See* WYKE, R J, EDWARDS, F C, *et al.*

Eicosanoid concentrations, colonic, as predictors of relapse in ulcerative colitis, study in patients previously maintained on sulphasalazine, **1316**

EINARSSON, K. *See* SAHLIN, S, DANIELSSON, Å, *et al.*

Electrical correlate of circumferential contractions in human colonic circular muscle, **10**

Electrodes for continuous oesophageal pH monitoring (*Letters*), **412**, **413**

Electrolyte and water absorption, small intestinal, inhibition by unconjugated bilirubin and bile from Gunn rats undergoing phototherapy, **366**

—— —— —— secretion in human jejunum induced by 5-hydroxytryptamine, prostaglandin E_2 as mediator of, **1337**

ELIAKIM, A. *See* STALNIKOWICZ, R, POLLAK, D, *et al.*

ELISA and Western immunoblotting, heterogeneity of anti-mitochondrial antibodies with M2-M4 pattern in immunofluorescence assessed by, **440**

ELL, C, LUX, G, HOCHBERGER, J, MÜLLER, D, and DEMLING, L: Laserlithotripsy of common bile duct stones, **746**

ELLIOTT, E J, WATSON, A J M, WALKER-SMITH, J A, and FARTHING, M J G: Effect of bicarbonate on efficacy of oral rehydration therapy: studies in an experimental model of secretory diarrhoea, **1052**

ELLIS, C J. *See* CLEMENTS, D, ELLIS, C J, *et al.*

EL-ZEINY, H. *See* HOSKING, S W, DOSS, W, *et al.*
EMERY, Y. *See* ANDRE, F, ANDRE, C, *et al.*
ENCK, P. *See* FRIELING, T, BERGES, W, *et al.*
Endocrine adrenal tumour, mixed, causing steatorrhoea (*Letter*), **875**
—— neoplasia, multiple, type I, familial, G cell function in, **1358**
Endometriosis and gut (*Case reports*), **1112**
Endoscopic biliary manometry and quantitative ^{99m}Tc-DISIDA scanning in sphincter of Oddi dysfunction, **1397**
—— management best for biliary obstruction (*Leading article*), **741**
—— needle aspiration cytology in diagnosis of upper gastrointestinal cancer (*Letters*), **556, 557**
—— sphincterotomy for common bile duct stones, antibiotic prophylaxis for (*Letters*), **874, 875**
—— —— —— —— —— —— —— in patients with gall bladder *in situ* unfit for surgery, **114**; (*Letters*), **1295**
Endoscopy, flexible, gastrointestinal, equipment for, cleaning and disinfection (BSG Working Party recommendations), **1134**
——, measurement of yield pressure at cardia during, provides information on function of lower oesophageal sphincter mechanism?, **275**
—— staffing and administration (*Letter*), **557**
ENE, M D, CLAMP, J R, and ROBERTS, C J C: Effects of cimetidine and carbenoxolone on gastric mucus, **636**; (*Letter*, by Clamp), **1294**
Enterectomy, subtotal, and home parenteral nutrition in treatment of end stage chronic intestinal pseudoobstruction (*Case reports*), **1613**
Enteropathy, immunologically mediated, experimental studies, **949**
Enzyme linked immunosorbent assay. *See* ELISA
Eosinophil and neutrophil involvement of small bowel affected by chronic alcoholism, **1656**
Eosinophilic gastroenteritis, near fatal, responding to oral sodium cromoglycate, (*Case report*), **1282**
Epidermal growth factor in gastroprotective and ulcer healing actions of colloidal bismuth subcitrate (De-Nol) in rats, **894**
ERIKSEN, C A, SADEK, S A, CRANFORD, C, SUTTON, D, KENNEDY, N, and CUSCHIERI, A: Reflux oesophagitis and oesophageal transit: evidence for a primary oesophageal motor disorder, **448**
Escherichia coli, hydrophobic adhesin of, in ulcerative colitis, **41**
Ethanol, acute dosage of, smooth muscle contractile protein synthesis in small intestine of rat reduced by, **1244**
ETIENNE, J P. *See* CADRANEL, J F, CADRANEL, J, *et al.*
EULER, A R. *See* VANDERHOOF, J A, GRANDJEAN, C J, *et al.*
EVANS, C. *See* MOTLEY, R J, CRAWLEY, E O, *et al.*
EVANS, D F, PYE, G, BRAMLEY, R, CLARK, A G, DYSON, T J, and HARDCASTLE, J D: Measurement of gastrointestinal pH profiles in normal ambulant human subjects, **1035**
EVREUX, M. *See* GALMICHE, J P, BRANDSTÄTTER, G, *et al.*
Exercise, moderate, effect on salt and water transport in jejunum, **816**

FABRE, M. *See* CADRANEL, J F, CADRANEL, J, *et al.*
Faecal α_1-antitrypsin in chronic inflammatory bowel disease (*Letters*), **262**
—— bile acids, changes after promotion of intestinal tumours by small bowel resection in rat, **495**
—— —— ——, soluble, and colorectal mucosal cell proliferation, effect of high fat consumption, **1326**
—— continence preservation during rises in intra-abdominal pressure (*Letter*), **553**
—— fat estimation, markers for, in monitoring of steatorrhoea in cystic fibrosis, **1286**
—— incontinence, idiopathic, and diabetes mellitus, comparative study of pelvic floor neuropathy in, **756**
—— ——, neurogenic, internal anal sphincter in, ultrastructural changes in, **1692**
—— ——, neuropathic, primary, combined sensory and motor deficit in, **5**
—— occult blood test, improved, screening of colorectal tumours with, quantitative aspects, **1194**
—— recovery of ingested 5-amino salicylic acid in ulcerative colitis, effect of polymer coating (*Letter*), **413**
Famotidine, cimetidine, ranitidine, and placebo, effects on intragastric acidity, comparison in 30 normal volunteers, **81**
——, intravenous infusions of, continuous, high intragastric pH in duodenal ulcer maintained by, **453**
FÄRKKILÄ, M A, TILVIS, R S, and MIETTINEN, T A: Raised plasma cholesterol precursors in patients with gut resections, **188**
FARMER, R. *See* CREED, F, CRAIG, T, *et al.*
FARRONI, F. *See* BASSOTTI, G, GABURRI, M, *et al.*
FARTHING, M J G. *See* ELLIOTT, E J, WATSON, A J M, *et al.*
——. *See* INGE, P M G, EDSON, C M, *et al.*
——. *See* MONTGOMERY, A M P, GOKA, A K J, *et al.*
FASANO, A. *See* GUANDALINI, S, FASANO, A, *et al.*
FASTH, S. *See* ÅKERVALL, S, FASTH, S, *et al.*
Fasting and refeeding, effects on somatostatin concentration and binding to cytosol from rabbit gastric mucosa, **642**
Fat consumption, high, effect on colorectal mucosal cell proliferation and soluble faecal bile acids, **1326**
——, faecal, estimation of, markers for, in monitoring of steatorrhoea in cystic fibrosis, **1286**
Fatty acids, essential, and peptic ulcer disease (*Letter*), **134**
—— ——, short chain, distribution in enema samples from sigmoidoscopy population and association of high acetate and low butyrate ratios with adenomatous polyps and colon cancer, **1539**
—— ——, —— ——, initiation of motility in canine ileum by, and inhibition by pharmacological agents, **941**
Feeding behaviour and satiety, comparative effects of infusion of lipid into different regions of small intestine, **306**
FEGIZ, G. *See* HABIB, F I, CORAZZIARI, E, *et al.*
FEIGHERY, C. *See* MCCORMICK, P A, FEIGHERY, C, *et al.*
FEIL, W. *See* VATTAY, P, FEIL, W, *et al.*
FELLOWS, I W, STEWART, M, JEFFCOATE, W J, SMITH, P G, and TOGHILL, P J: Hepatocellular carcinoma in primary haemochromatosis in the absence of cirrhosis (*Case reports*), **1603**
FELSTEIN, M V. *See* MOWAT, A MCI, FELSTEIN, M V, *et al.*
FERENCI, P. *See* VOGELSANG, H, FERENCI, P, *et al.*
FERNANDEZ-VALENCIA, R. *See* ROCA, B, FERNANDEZ-VALENCIA, R, *et al.*
FERRARA, A. *See* GUANDALINI, S, FASANO, A, *et al.*
FERRARINI, F. *See* BALDI, F, FERRARINI, F, *et al.*
FERRELL, L. *See* WISNER, J R, GREEN, D, *et al.*
FERRI, G-L, ADRIAN, T E, ALLEN, J M, SOIMERO, L, CANCELLIERI, A, YEATS, J C, BLANK, M, POLAK, J M, and BLOOM, S R: Intramural distribution of regulatory peptides in the sigmoid-recto-anal region of the human gut, **762**
Fetal small intestinal epithelium, human, HLA-DR expression in, **1342**
Fibrosis, cystic. *See* CYSTIC FIBROSIS
FICH, A. *See* STALNIKOWICZ, R, POLLAK, D, *et al.*
FICK, T W. *See* VAN BUUREN, H R, FICK, T E, *et al.*
FILIPE, M I. *See* MASON, R C, TAYLOR, P R, *et al.*
——. *See* ROKKAS, T, PURSEY, C, *et al.*
FIMMEL, C J. *See* MERKI, H S, FIMMEL, C J, *et al.*
FINCH, A. *See* MCCORMICK, P A, FEIGHERY, C, *et al.*
FIORAMONTI, J. *See* STAUMONT, G, FIORAMONTI, J, *et al.*
FISCHBACH, W, and MÖSSNER, J: Faecal alpha-1-antitrypsin in chronic inflammatory bowel disease (*Letter*), **262**
FISCHER, G. *See* KLEBER, G, SAUERBRUCH, T, *et al.*
FISCHER, J A. *See* BEGLINGER, C, KOEHLER, E, *et al.*
FISHER, R S. *See* SIEGEL, J A, URBAIN, J-L, *et al.*
FITZGERALD, M X. *See* MCCORMICK, P A, FEIGHERY, C, *et al.*
FITZGERALD, R J. *See* MURRAY, F E, LOMBARD, M, *et al.*
FLEMING, C R. *See* GREENBERG, G R, FLEMING, C R, *et al.*
FLEMING, K A. *See* CHAPMAN, R W, KELLY, P M A, *et al.*
FLODÉRUS-MYRHED, B. *See* TYSK, C, LINDBERG, E, *et al.*
FLORENT, C. *See* RAMBAUD, J C, JIAN, R, *et al.*
FLORIÉ, B. *See* RAMBAUD, J C, JIAN, R, *et al.*
FONE, D. *See* HEDDLE, R, FONE, D, *et al.*
FORGACS, I: Oncogenes and gastrointestinal cancer (*Leading article*), **417**

FORICHON, J. *See* ANDRE, F, ANDRE, C, *et al.*
FOZARD, J B J. *See* QUIRKE, P, DIXON, M F, *et al.*
FRANCIS, H. *See* COLEBUNDERS, R, LUSAKUMUNI, K, *et al.*
FRASER, G M. *See* SCHWARTZ, B, FRASER, G M, *et al.*
FRÉNEAUX, E. *See* LARREY, D, FRÉNEAUX, E, *et al.*
FREXINOS, J. *See* STAUMONT, G, FIORAMONTI, J, *et al.*
FRIELING, T, BERGES, W, BORCHARD, F, LÜBKE, H J, ENCK, P, and WIENBECK, M: Family occurrence of achalasia and diffuse spasm of the oesophagus (*Case reports*), **1595**
FROST, P G. *See* PENAGINI, R, MISIEWICZ, J J, *et al.*
FROST, R A. *See* IRVINE, E J, O'CONNOR, J, *et al.*
FROTZ, S. *See* VOGELSANG, H, FERENCI, P, *et al.*
FUJIWARA, K, OGATA, I, OHTA, Y, HIRATA, K, OKA, Y, YAMADA, S, SATO, Y, MASAKI, N, and OKA H: Intravascular coagulation in acute liver failure in rats and its treatment with antithrombin III, **1103**
FULLARTON, G M, ALLAN, A, HILDITCH, T, and MURRAY, W R: Quantitative ^{99m}Tc-DISIDA scanning and endoscopic biliary manometry in sphincter of Oddi dysfunction, **1397**
——. *See also* MURRAY, W R, LAFERLA, G, *et al.*
FURRER, R. *See* STADLER, J, STERN, H S, *et al.*
FUSCONI, M, GHADIMINEJAD, I, BIANCHI, F B, BAUM, H, BOTTAZZO, G F, and PISI, E: Heterogeneity of antimitochondrial antibodies with the M2-M4 pattern by immunofluorescence as assessed by Western immunoblotting and enzyme linked immunosorbent assay, **440**

G cell function in familial multiple endocrine neoplasia type 1, **1358**
GABA immunoreactivity and ^{3}H-GABA uptake in mucosal epithelial cells of rat stomach, **1549**
GABURRI, M. *See* BASSOTTI, G, GABURRI, M, *et al.*
GAJRAJ, H, DAVIES, D R, and JACKSON, B T: Synchronous small and large bowel cancer developing after pelvic irradiation (*Case report*), **126**
GALATI, P. *See* GUANDALINI, S, FASANO, A, *et al.*
Gall bladder, acalculous disease of (*Progress report*), **860**
——stone dissolution with ursodeoxycholic acid menthol preparation, trial of, **428**
————formation, risk of, induced by malabsorption, in relation to fall in plasma cholesterol, **108**
————patients, mucin in gall bladder bile of, influence of chenodeoxycholic and ursodeoxycholic acid treatment, **1506**
——stones, aetiology of, dietary factors in, case control study, **1511**
————, non-surgical treatment options (*Leading article*), **137**
————, pathogenesis of, and deoxycholic acid (*Progress report*), **522**
————, prevalence in women in Danish population, relation to fertility period, pregnancies, and exogenous female sex hormones, **433**
————, recurrence and re-recurrence after medical dissolution, longterm follow up, **655**
————. *See also* Calculi in common bile duct
GALLOWAY, J M. *See* MCGOURAN, R C M, GALLOWAY, J M, *et al.*
GALMICHE, J P, BRANDSTÄTTER, G, EVREUX, M, HENTSCHEL, E, KERSTAN, E, KRATOCHVIL, P, REICHEL, W, SCHÜTZE, K, SOULE, J C, and VITAUX, J: Combined therapy with cisapride and cimetidine in severe reflux oesophagitis: a double blind controlled trial (*Clinical trial*), **675**
GANGL, A. *See* VOGELSANG, H, FERENCI, P, *et al.*
GARCIA-PUGES, A M. *See* CERVERA, R, BRUIX, J, *et al.*
GARVIE, N W. *See* KAMM, M A, LENNARD-JONES, J E, *et al.*
GASBARRINI, G. *See* CORAZZA, G R, STROCCHI, A, *et al.*
Gastrectomy, partial, remote, for benign conditions, mortality due to stomach cancer after, 40 years of follow up of 2633 Amsterdam patients, **1588**
Gastric acid secretion, applied potential tomography as new non-invasive test for, evaluation of, **1730**
——————, basal and stimulated, and fasting plasma gastrin in duodenal ulcer, effect of 'weekend therapy' with omeprazole, **1715**
——————, pentagastrin-stimulated, and pharmacokinetics, effect of single and repeated intravenous doses of omeprazole, **75**
——alkaline secretion, changes due to ulcer healing drugs (*Letter*), **696**
——and small intestinal apical membrane integrity and fluidity, effect of alcohols, **1648**
——carcinoid tumour and parathyroid adenoma (*Case report*), **689**
——carcinoma, mortality due to, after remote partial gastrectomy for benign conditions, 40 years of follow up of 2633 Amsterdam patients, **1588**
——cell c-AMP stimulating autoantibodies in duodenal ulcer, **94**
——emptying after truncal vagotomy and pyloroplasty, mechanisms governing biphasic pattern of, **1253**
————, biphasic nature of, **85**
————, delayed, in anorexia nervosa and bulimia nervosa, determinants of, **458**
————of liquids, effect of meal temperature, **302**; (*Letters*), **1292, 1293**
————of solid meal in normal subjects, effect of ICS 205-930, **1249**
——erosions, acute, in rat, prevention by semi-synthetic amphipathic analogues of pepstatin, **1569**
——lesions induced by haemorrhagic shock, ranitidine and oxygen derived free radical scavengers in, **826**
——mucosa, gastroprotective and ulcer healing actions of colloidal bismuth subcitrate (De-Nol) in rats, epidermal growth factor in, **894**
————, heterotopic, multifocal, in colon, bleeding from, control by H_2 antagonist (ranitidine), (*Case report*), **848**
————, morphology and functions, relation to *Campylobacter pylori* in sample of Finnish population, **909**
————, rabbit, somatostatin concentration and binding to cytosol in, effects of fasting and refeeding, **642**
——mucosal epithelial cells, rat, GABA immunoreactivity and ^{3}H-GABA uptake in, **1549**
————prostaglandin E_2 concentrations, increased, in carcinoid syndrome, hypertrophic gastritis associated with (*Case report*), **1270**
——mucous cells from adult rats, effects of salicylate on monolayer culture of, **1705**
——mucus, effects of cimetidine and carbenoxolone, **636**; (*Letters*), **1293, 1294**
——remnant, carcinoma of, early, **298**
——squamous carcinoma, perforated, metachronous to laryngeal carcinoma, metastatic in origin? (*Case report*), **534**
——stump carcinoma, genesis of, and pancreaticoduodenal secretions in rat, **830**
——surgery, postprandial hypoglycaemia after, prevention by glucomannan, **930**
——ulcer and duodenal ulcer, adult acquired cytomegalovirus infection with (*Case report*), **1109**
————, dietary salt intake, and epidemiological studies (*Letters*), **407, 409**
————, prepyloric, effect of omeprazole and cimetidine (*Clinical trial*), **249**
——volume, total, gastric secretion, and residual meal, determination using George's double sampling technique, **1725**
——. *See also* Intragastric
Gastrin cell. *See* G cell
——, plasma concentration, and intragastric acidity, 24 hour, in healthy volunteers taking nizatidine 150 mg or 300 mg, ranitidine 300 mg, or placebo at 21 00 h, **1364**
——, ——, fasting, and basal and stimulated acid secretion in duodenal ulcer, effect of 'weekend therapy' with omeprazole, **1715**
Gastritis, chronic, naturally occurring, and *C pylori* infection in Rhesus monkey as model for gastritis in man, **465**
——, hypertrophic, associated with increased gastric mucosal prostaglandin E_2 concentrations in carcinoid syndrome (*Case report*), **1270**
——, lymphocytic, retrospective endoscopic and histological study, **1258**

Gastroduodenal bicarbonate secretion, amphibian, stimulation by sucralfate and aluminium and role of local prostaglandin metabolism, **903**
—— mucosa, bicarbonate delivery by blood to, importance for mucosal integrity (*Progress report*), **647**
Gastroenteritis, eosinophilic, near fatal, responding to oral sodium cromoglycate (*Case report*), **1282**
Gastroenterological problems in HIV disease (*Leading article*), **1497**
Gastrointestinal cancer and oncogenes (*Leading article*), **417**
————, lymphokine-activated killer cell activity in (*Letters*), **693, 694**
————, tumoural epithelium of, subset of HML1+ lymphocytes present in normal intestinal epithelium also associated with, **1632**
————, upper, diagnosis of, endoscopic needle aspiration cytology in (*Letters*), **556, 557**
—— flexible endoscopy equipment, cleaning and disinfection (BSG Working Party recommendations), **1134**
—— haemorrhage caused by blue rubber bleb naevus disease (*Case report*), **1408**
—— immune response, alteration in sarcoidosis, **1628**
—— inflammation related to arthritis, Ig containing cells in terminal ileum and colorectum in, **916**
—— pH profiles in normal ambulant subjects, measurement of, **1035**
—— tract and endometriosis (*Case reports*), **1112**
————, sigmoid-recto-anal region of, intramural distribution of regulatory peptides in, **762**
————, upper, computer aided positioning of manometric probe in, **1007**
————, ——, transit and absorption in normal subjects and in postvagotomy diarrhoea, effects of codeine and loperamide, **312**
—— transit and olsalazine in ulcerative colitis (*Letters*), **695, 696**
Gastro-oesophageal reflux. *See* Reflux, gastro-oesophageal
GAUSSEN, L. *See* BARDHAN, K D, HUNTER, J O, *et al.*
GAZZARD, B G. *See* CONNOLLY, G M, DRYDEN, M S, *et al.*
GEENEN, J E. *See* HELM, J F, VENU, R P, *et al.*
George's double sampling technique in determination of total gastric volume, gastric secretion and residual meal, **1725**
GÉRARD, A. *See* GUÉANT, J L, GÉRARD, A, *et al.*
GHADIMINEJAD, I. *See* FUSCONI, M, GHADIMINEJAD, I, *et al.*
Giardia lamblia, attachment to rat intestinal epithelial cells, **795**
GIBBONS, L C. *See* CRAMPTON, J R, GIBBONS, L C, *et al.*
GIBSON, P R, VAN DE POL, E. BARRATT, P J, and DOE, W F: Ulcerative colitis – a disease characterised by the abnormal colonic epithelial cell?, **516**
——, ——, PULLMAN, W, and DOE, W F: Lysis of colonic epithelial cells by allogeneic mononuclear and lymphokine activated killer cells derived from peripheral blood and intestinal mucosa: evidence against a pathogenic role in inflammatory bowel disease, **1076**
GIGASE, P. *See* COLEBUNDERS, R, LUSAKUMUNI, K, *et al.*
GILBERT, J, KELLEHER, J, WALTERS, M P, and LITTLEWOOD, J M: Markers for faecal fat estimation in monitoring steatorrhoea in cystic fibrosis, **1286**
GIMSON, A. *See* WESTABY, D, GIMSON, A, *et al.*
GIRARD, F. *See* RUSZNIEWSKI, P, GIRARD, F, *et al.*
GITNICK, G L. *See* COLLINS, J F, STRICKLAND, R G, *et al.*
Glucomannan prevention of postprandial hypoglycaemia in patients with previous gastric surgery, **930**
Glucose homeostasis, regulation in rat jejunum by despentapeptide-insulin *in vitro*, **1064**
Glucose-galactose malabsorption, specific jejunal brush border membrane defect in, demonstration of, **1661**
Glutathione deficiency in alcoholics as risk factor for paracetamol hepatotoxicity, **1153**
Gluten diet, low, in treatment of adult coeliac disease, effect on jejunal morphology and serum anti-gluten antibodies, **1564**
GLUUD, C. *See* LAURITSEN, K, RUNE, S J, *et al.*
Glycoprotein, mucus, production *in vitro* by colonic tissue from patients with ulcerative colitis, **229**
GOEBELL, H. *See* MÜLLER, M K, DEGENHARDT, H, *et al.*
GOERG, K J, WANITSCHKE, R, DIEHL, P H, and MEYER ZUM BÜSCHENFELDE, K H: Secretory effect of azodisalicylate (azodisal sodium) on the short circuited mucosa of the rat ileum *in vitro*, **336**
GOKA, A K J. *See* MONTGOMERY, A M P, GOKA, A K J, *et al.*
GOLDIN, E. *See* STALNIKOWICZ, R, POLLAK, D, *et al.*
GOLLOP, J H, PHILLIPS, S F, MELTON, L J, III, and ZINSMEISTER, A R: Epidemiologic aspects of Crohn's disease: a population based study in Olmsted County, Minnesota, 1943–1982, **49**
GOODMAN, A J, *See* BIRD, N C, and GOODMAN, A J
GOODMAN, M J. *See* RILEY, S A, MANI, V, *et al.*
GOSSE, F. *See* RAUL, F, GOSSE, F, *et al.*
GOVONI, M. *See* PAZZI, P, PUTINATI, S, *et al.*
GRAEME-COOK, F. *See* MCCORMICK, P A, FEIGHERY, C, *et al.*
Graft-versus-host reaction in irradiated mice, development of cell mediated immunity and intestinal pathology during, **949**
GRAHAM, D Y. *See* BARDHAN, K D, HUNTER, J O, *et al.*
GRANDJEAN, C J. *See* VANDERHOOF, J A, GRANDJEAN, C J, *et al.*
GRANOWSKA, M. *See* KAMM, M A, LENNARD-JONES, J E, *et al.*
GRAY, A. *See* SWASH, M, GRAY, A, *et al.*
GREEN, D. *See* WISNER, J R, GREEN, D, *et al.*
GREENBERG, G R, FLEMING, C R, JEEJEEBHOY, K N, ROSENBERG, I H, SALES, D, and TREMAINE, W J: Controlled trial of bowel rest and nutritional support in the management of Crohn's disease, **1309**
GREENSTEIN, A J, LACHMAN, P, SACHAR, D B, SPRINGHORN, J, HEIMANN, T, JANOWITZ, H D, and AUFSES, A H, JR: Perforating and non-perforating indications for repeated operations in Crohn's disease: evidence for two clinical forms, **588**
GREEVES, L G, CARSON, D J, and DODGE, J A: Peptic ulceration and phenylketonuria: a possible link? (*Case reports*), **691**
GREGERSEN, H, JENSEN, L S, and DJURHUUS, J C: Changes in oesophageal wall biomechanics after portal vein banding and variceal sclerotherapy measured by a new technique: an experimental study in rabbits, **1699**
GREVE, J. *See* JANSEN, J B M J, LUNDBORG, P, *et al.*
GRIFFITHS, D F R. *See* WILLIAMS, G T, GRIFFITHS, D F R, *et al.*
GRIMBLE, G K, PATIL, D H, and SILK, D B A: Assimilation of lactitol, an 'unabsorbed' disaccharide in the normal human colon, **1666**
GRIME, S. *See* PARR, N J, GRIME, S, *et al.*
GROGONO, J. *See* JONES, H W, GROGONO, J, *et al.*
GROSCH, L. *See* AUER, I O, GROSCH, L, *et al.*
GRUNDY, D G. *See* SUN, W M, HOUGHTON, L A, *et al.*
GUANDALINI, S, FASANO, A, ALBINI, F, MARCHESANO, G, NOCERINO, A, DE CURTIS, M, RUBALTELLI, F F, PETTENAZZO, A, and RUBINO, A: Unconjugated bilirubin and the bile from light exposed Gunn rats inhibit intestinal water and electrolyte absorption, **366**
——, ——, MIGLIAVACCA, M, VERGA, M C, MASTRANTONIO GIANFRILLI, P, FERRARA, A, ALESSIO, M, MALAMISURA, B, GALATI, P, PANTOSTI, A, and RUBINO, A: Pathogenesis of postantibiotic diarrhoea caused by *Clostridium difficile*: an *in vitro* study in the rabbit intestine, **598**
GUBEN, J. *See* MURRAY, F E, GUBEN, J, *et al.*
GUBERMAN, R. *See* SCHWARTZ, B, FRASER, G M, *et al.*
GUÉANT, J L, GÉRARD, A, MONIN, B, CHAMPIGNEULLE, B, GÉRARD, H, and NICOLAS, J P: Radioautographic localisation of iodinated human intrinsic factor in the guinea pig ileum using electron microscopy, **1370**
GUILLOU, P J: Lymphokine activated killer cell activity in patients with GI cancer (*Letter*), **694**
GUMPEL, J M. *See* MOOTS, R J, PROUSE, P, *et al.*
GUSLANDI, M: Changes in gastric alkaline secretion by ulcer healing drugs (*Letter*), **696**
——: Cimetidine, carbenoxolone and gastric mucus (*Letter*), **1293**
Gut: new editor (R N Allan), **1297**
—— referees, **132**
Gut. *See* Gastrointestinal tract
GUTHRIE, E. *See* CREED, F, and GUTHRIE, E
GUY-GRAND, D. *See* JARRY, A, CERF-BENSUSSAN, N, *et al.*
GUZMAN, C, MACLEOD, R J, and HAMILTON, J R: Failure of ornithine decarboxylase inhibition to alter small intestinal epithelial repair after transient segmental ischaemia, **935**
GYDE, S N, PRIOR, P, ALLAN, R N, STEVENS, A, JEWELL, D P, TRUELOVE,

S C, LOFBERG, R, BROSTROM, O, and HELLERS, G: Colorectal cancer in ulcerative colitis: a cohort study of primary referrals from three centres, **206**; (*Letter* by Prior, Gyde and Allan), **1291**
GYR, K. *See* BEGLINGER, C, KOEHLER, E, *et al*.

H_2 receptor antagonists. *See* Ranitidine
—— ——sensitivity, alteration in duodenal ulcer after maintenance treatment with H_2 receptor antagonist (ranitidine), **890**
HABIB, F I, CORAZZIARI, E, BILIOTTI, D, PRIMERANO, L, VISCARDI, A, SPERANZA, V, DE MASI, E, FEGIZ, G, and TORSOLI, A: Manometric measurement of human sphincter of Oddi length, **121**
HABOUBI, N Y. *See* BABBS, C, WARNES, T W, *et al*.
Haemochromatosis, primary, hepatocellular carcinoma without evidence of cirrhosis in (*Case reports*), **1603**
Haemoperitoneum, spontaneous, from rupture of primary hepatic adenoma in adult man (*Letter*), **1427**
Haemorrhage from multifocal heterotopic gastric mucosa in colon controlled by H_2 antagonist (ranitidine) (*Case report*), **848**
——, gastrointestinal. *See* Gastrointestinal haemorrhage
——, peptic ulcer patients presenting with, comparison with patients presenting with pain, **70**
——, recurrent, from cutaneous venous collaterals in portal hypertension, **1279**
——, variceal. *See* Variceal haemorrhage
——. *See also* Bleeding
Haemorrhagic shock, gastric lesions induced by, ranitidine and oxygen derived free radical scavengers in, **826**
HAFFEN, K. *See* ROCHETTE-EGLY, C, LACROIX, B, *et al*.
HÄKKINEN, I, PAASIVUO, R, and PARTANEN, P: Screening of colorectal tumours using an improved faecal occult blood test: quantitative aspects, **1194**
HÄLLGREN, R. *See* COLOMBEL, J F, HÄLLGREN, R, *et al*.
HAMICHI, L. *See* HAOT, J, HAMICHI, L, *et al*.
HAMILTON, J R. *See* GUZMAN, C, MACLEOD, R J, *et al*.
HAMILTON, M R. *See* LANZON-MILLER, S, POUNDER, R E, *et al*.
HAMMOND, L. *See* DE LAZZARI, F, MIRAKIAN, R, *et al*.
HAMPSON, S J, MCFADDEN, J J, and HERMON-TAYLOR, J: Mycobacteria and Crohn's disease (*Leading article*), **1017**
HANNEMAN, R L, and MOINIER, B: Dietary salt intake and epidemiological studies (*Letter*), **407**
HANSSEN, LE. *See* BEGLINGER, C, KOEHLER, E, *et al*.
HAOT, J, HAMICHI, L, WALLEZ, L, and MAINGUET, P: Lymphocytic gastritis: a newly described entity: a retrospective endoscopic and histological study, **1258**
HARDCASTLE, J. *See* TAYLOR, C J, BAXTER, P S, *et al*.
HARDCASTLE, J D. *See* EVANS, D F, PYE, G, *et al*.
HARDCASTLE, P T. *See* TAYLOR, C J, BAXTER, P S, *et al*.
HARDÖRFER, C. *See* AUER, I O, GROSCH, L, *et al*.
HARRE, K. *See* MERKI, H S, FIMMEL, C J, *et al*.
HARVEY, J S. *See* SMITH, P M, and HARVEY, J S
HAUTEFEUILLE, M. *See* RAMBAUD, J C, JIAN, R, *et al*.
HAVELUND, T. *See* LAURITSEN, K, RUNE, S J, *et al*.
HAWKEY, C J, and HAWTHORNE, A B: Medical treatment of ulcerative colitis: scoring the advances (*Leading article*), **1298**
——. *See also* COX, J, DANESHMEND, T K, *et al*.
HAWLEY, P R. *See* KAMM, M A, HAWLEY, P R, *et al*.
HAWTHORNE, A B. *See* HAWKEY, C J, and HAWTHORNE, A B
HAYES, P C, WESTABY, D, and WILLIAMS, R: Effect and mechanism of action of isosorbide-5-mononitrate, **752**
——. *See also* WESTABY, D, GIMSON, A, *et al*.
HAYNES, W G. *See* RAO, S S C, READ, N W, *et al*.
HEADING, R C. *See* DE CAESTECKER, J S, PRYDE, A, *et al*.
HEATLEY, R V. *See* BADR-EL-DIN, S, TREJDOSIEWICZ, L K, *et al*.
——. *See* COPE, G F, HEATLEY, R V, *et al*.
HEATON, K W. *See* MARCUS, S N, and HEATON, K W
——. *See* O'DONNELL, L D J, and HEATON, K W
HEDDLE, R, FONE, D, DENT, J, and HOROWITZ, M: Stimulation of pyloric motility by intraduodenal dextrose in normal subjects, **1349**
HEIM, J. *See* MERKI, H S, WITZEL, L, *et al*.
HEIMANN, T. *See* GREENSTEIN, A J, LACHMAN, P, *et al*.
HELLERS, G. *See* GYDE, S N, PRIOR, P, *et al*.
HELLSTERN, A. *See* LEUSCHNER, M, LEUSCHNER, U, *et al*.
HELM, J F, VENU, R P, GEENEN, J E, HOGAN, W J, DODDS, W J, TOOULI, J, and ARNDORFER, R C: Effects of morphine on the human sphincter of Oddi, **1402**
HENRIKSSON, R. *See* SAHLIN, S, DANIELSSON, Å, *et al*.
HENRY, M M: Neurophysiological assessment of the pelvic floor (*Leading article*), **1**
——. *See also* ROGERS, J, HENRY, M M, *et al*.
——. *See also* ROGERS, J, LEVY, D M, *et al*.
HENTSCHEL, E. *See* GALMICHE, J P, BRANDSTÄTTER, G, *et al*.
Hepatic adenoma, primary, rupture of, spontaneous haemoperitoneum in adult man from (*Letter*), **1427**
——inactivation of blood borne endogenous opioid peptides, impaired, ascites caused by?, **1167**
——. *See also* Liver
Hepatitis B surface antigen carrier, acute delta superinfection with transient loss of HBsAg simulating non-A, non-B hepatitis in (*Case report*), **1013**
——, chronic active, autoimmune, and primary polydipsia associated with pituitary diabetes insipidus, case of (*Letter*), **1755**
——, —— ——, ——, with severe hyperglobulinaemia, non-psychogenic primary polydipsia in (*Case report*), **548**
——, —— ——, treated with corticosteroids, bone histomorphometry and structure in, **378**
——, ——, in childhood, spectrum of disease, **659**
——, herpes simplex, fulminant, in ulcerative colitis (*Case report*), **257**
Hepatocellular carcinoma in primary haemochromatosis without evidence of cirrhosis (*Case reports*), **1603**
Hepatotoxicity, paracetamol, glutathione deficiency in alcoholics as risk factor for, **1153**
HERD, M E. *See* RILEY, S A, MANI, V, *et al*.
HERMON-TAYLOR, J. *See* BUTCHER, P D, MCFADDEN, J J, *et al*.
——. *See* HAMPSON, S J, MCFADDEN, J J, *et al*.
——. *See* HUDDY, S P J, PATEL, G, *et al*.
Herpes simplex hepatitis, fulminant, in ulcerative colitis (*Case report*), **257**
Herring worm disease. *See* ANISAKIASIS
HERYET, A. *See* CHAPMAN, R W, KELLY, P M A, *et al*.
HESELTINE, D, and BRAMBLE, M G: Mixed endocrine adrenal tumour causing steatorrhoea (*Letter*), **875**
HEWSON, E G, YEOMANS, N D, ANGUS, P W, SHULKES, A, BROOK, C W, SEWELL, R B, and SMALLWOOD, R A: Effect of 'weekend therapy' with omeprazole on basal and stimulated acid secretion and fasting plasma gastrin in duodenal ulcer patients, **1715**
HEYWOOD, G C. *See* HUDDY, S P J, PATEL, G, *et al*.
HIELE, M: Acidic colonic microclimate (*Letter*), **874**
HIETANEN, E. *See* STÅHLBERG, M-R, HIETANEN, E, *et al*.
HILDITCH, T. *See* FULLARTON, G M, ALLAN, A, *et al*.
HILL, M: Cancer prevention: a European approach, **1424**
HILLS, J M. *See* JESSEN, K R, HILLS, J M, *et al*.
HINES, C. *See* BARDHAN, K D, HUNTER, J O, *et al*.
HIRAISHI, H. *See* OTA, S, RAZANDI, M, *et al*.
HIRATA, K. *See* FUJIWARA, K, OGATA, I, *et al*.
HIRST, B H. *See* BALLARD, H J, WILKES, J M, *et al*.
HISLOP, W S. *See* MILLS, P R, MACSWEEN, R N M, *et al*.
Histocompatibility antigens not associated with alcoholic liver disease in study of patients in Scotland and NE England, **146**
HIV disease, gastroenterological problems in (*Leading article*), **1497**
HLA-DR antigens, expression on bile duct epithelium in primary sclerosing cholangitis, **422**
——expression in human fetal small intestinal epithelium, **1342**
HOARE, A M. *See* JONES, H W, GROGONO, J, *et al*.
HOARE, R C. *See* COX, J G C, WINTER, P K, *et al*.
HOCHBERGER, J. *See* ELL, C, LUX, G, *et al*.
HOEDEMAEKER, P J. *See* OFFERHAUS, G J A, TERSMETTE, A C, *et al*.
HOEKSTRA, A. *See* AKKERMANS, L M A, VOS, A, *et al*.
HOGAN, W J. *See* HELM, J F, VENU, R P, *et al*.

HOLDSWORTH, C D, RAO, S S C, and READ, N W: Olsalazine and GI transit in UC (*Letter*), **696**
——. *See also* RAO, S S C, HOLDSWORTH, C D, *et al.*
——. *See also* RAO, S S C, READ, N W, *et al.*
HOLLANDER, D: Crohn's disease – a permeability disorder of the tight junction? (*Leading article*), **1621**
HOLLOWAY, R H. *See* DENT, J, HOLLOWAY, R H, *et al.*
HOLT, S. *See* PARR, N J, MURPHY, C, *et al.*
Homosexuals, male, at genito-urinary clinic, prevalence of sexually transmitted disease among, comparison with male patients presenting with proctitis, **332**
HOPMAN, W P M, HOUBEN, P G M P, SPETH, P A J, and LAMERS, C B H W: Glucomannan prevents postprandial hypoglycaemia in patients with previous gastric surgery, **930**
HOROWITZ, M. *See* AKKERMANS, L M A, VOS, A, *et al.*
——. *See* HEDDLE, R, FONE, D, *et al.*
HOSKING, S W, DOSS, W, EL-ZEINY, H, ROBINSON, P, BARSOUM, M S, and JOHNSON, A G: Pharmacological constriction of the lower oesophageal sphincter: a simple method of arresting variceal haemorrhage, **1098**
HOUBEN, P G M P. *See* HOPMAN, W P M, HOUBEN P G M P, *et al.*
HOUGHTON, L A. *See* SUN, W M, HOUGHTON, L A, *et al.*
HOWDEN, C W. *See* JONES, D B, HOWDEN, C W, *et al.*
HSUEH, W. *See* CUEVA, J P, and HSUEH, W
HUDDY, S P J, PATEL, G, HEYWOOD, G C, AUSTEN, B M, and HERMON-TAYLOR, J: Prevention of acute gastric erosions in the rat by novel semi-synthetic amphipathic analogues of pepstatin, **1569**
HUIBREGTSE, K. *See* OFFERHAUS, G J A, TERSMETTE, A C, *et al.*
HUIZINGA, J D, and WATERFALL, W E: Electrical correlate of circumferential contractions in human colonic circular muscle, **10**
HUIZINGA, W K J. *See* WHALEN, G F, HUIZINGA, W K J, *et al.*
HULKS, G. *See* BOYD, E J S, HULKS, G, *et al.*
HULTÉN, L. *See* ÅKERVALL, S, FASTH, S, *et al.*
HUMPHREYS, H, BOURKE, S, DOOLEY, C, MCKENNA, D, POWER, B, KEANE, C T, SWEENEY, E C, and O'MORÁIN, C: Effect of treatment on *Campylobacter pylori* in peptic disease: a randomised prospective trial, **279**
HUNT, R H. *See* IRVINE, E J, O'CONNOR, J, *et al.*
——. *See* JONES, D B, HOWDEN, C W, *et al.*
——. *See* RAMAGE, J K, HUNT, R H, *et al.*
HUNTER, J O. *See* BARDHAN, K D, HUNTER, J O, *et al.*
Hybridomas generated from activated B cells in mesenteric lymph nodes in inflammatory bowel disease, specificity of antibodies secreted by, **35**
Hydrogen breath tests, false negative, acidic colonic microclimate as possible reason for, **21**; (*Letters*), **874**
Hydrogen peroxide, adenosine diphosphate ribosyl transferase response induced by, in inflammatory bowel disease, **1680**
Hydrophobic adhesin of *E coli* in ulcerative colitis, **41**
5-Hydroxytryptamine, water and electrolyte secretion in human jejunum induced by, prostaglandin E_2 as mediator of, **1337**
5-Hydroxytryptamine$_3$-receptor antagonists. *See* ICS 205-930
HYLANDER, E. *See* SØRENSEN, T I A, ANDERSEN, B, *et al.*
Hyperglobulinaemia, severe, autoimmune chronic active hepatitis with, non-psychotic primary polydipsia in (*Case report*), **548**
Hypertension, portal, intravenous vasopressin and nitroglycerin in, haemodynamic response to, **372**
——, ——, non-cirrhotic, with hypoxaemia (*Case report*), **129**; (*Letter*), **876**
——, ——, recurrent bleeding from cutaneous venous collaterals in (*Case reports*), **1279**
Hypoglycaemia, postprandial, in patients with previous gastric surgery, prevention by glucomannan, **930**
Hypoxaemia, non-cirrhotic portal hypertension with (*Case report*), **129**; (*Letter*), **876**

ICS 205-930, effect on gastric emptying of solid meal in normal subjects, **1249**
Ileal brake reflex in man, characterisation of, and effect of ileal infusion of partial digests of fat, protein, and starch on jejunal motility and release of neurotensin, enteroglucagon, and peptide YY, **1042**
Ileo-anal pouch procedure. *See* Proctocolectomy, restorative
Ileocolonic junction, motility of (*Progress report*), **390**
Ileostomy patients, total body water and total body potassium before and after conversion to continent ileostomy in, **1198**
—— stoma, primary mucinous adenocarcinoma developing in (*Case report*), **1607**
Ileum, canine, motility, initiation by short chain fatty acids and inhibition by pharmacological agents, **941**
——, guinea pig, radioautographic localisation, using electron microscopy, of iodinated human intrinsic factor in, **1370**
——, mucosa, rat, short circuited, *in vitro*, secretory effect of azodisalicylate (azodisal sodium), **336**
——, resection, or jejunoileal bypass, raised plasma cholesterol precursors after, **188**
——, terminal, and colorectum, Ig containing cells in arthritis related gut inflammation, **916**
ILLA, I. *See* CERVERA, R, BRUIX, J, *et al.*
IMBIMBO, B P. *See* BASSOTTI, G, GABURRI, M, *et al.*
Immune system, mucosal, lymphoepithelial interactions in (*Progress report*), **1116**
Immunity, cell mediated, and intestinal pathology, development during graft-versus-host reaction in irradiated mice, **949**
——, local, in ulcerative colitis and evidence for defective secretory IgA production, **1070**
Immunoblotting, Western, and ELISA, heterogeneity of antimitochondrial antibodies with M2-M4 pattern in immunofluorescence assessed by, **440**
Immunoglobulin A, secretory, evidence for defective production, and local immunity in ulcerative colitis, **1070**
—— containing cells in terminal ileum and colorectum in arthritis related gut inflammation, **916**
—— G autoantibodies, ulcerative colitis specific, cytotoxic to colonic epithelial cancer cells, **1639**
—— synthesis *in vitro* by intestinal mononuclear cells, disordered regulation of, in Crohn's disease, **503**
IMRIE, C W. *See* WILSON, C, IMRIE, C W, *et al.*
Incontinence, faecal, idiopathic, and diabetes mellitus, comparative study of pelvic floor neuropathy in, **756**
——, ——, neurogenic, internal anal sphincter in, ultrastructural changes in, **1692**
——, ——, neuropathic, primary, combined sensory and motor deficit in, **5**
^{111}Indium autologous mixed leucocyte scanning in Crohn's disease for assessment of disease extent and activity, **821**
Indomethacin, duodenal mucosal damage in acute musculoskeletal disorders induced by, effect of cimetidine, **1578**
Infant, ontogeny of fasting small intestinal motor activity in, **483**
Inflammation, changes in intestinal permeability and epithelial differentiation in rat during, **57**
INGE, P M G, EDSON, C M, and FARTHING, M J G: Attachment of *Giardia lamblia* to rat intestinal epithelial cells, **795**
INK, O. *See* CADRANEL, J F, CADRANEL, J, *et al.*
Intestinal neoplasms, background colonic mucosa of patients with, cell kinetics analysis by *ex vivo* autoradiography, **997**
—— pathology and cell mediated immunity, development during graft-versus-host reaction in irradiated mice, **949**
—— pseudoobstruction, chronic, and ophthalmoplegia in patient with mitochondrial myopathy (*Case report*), **544**
—— ——, ——, end stage, treatment by subtotal enterectomy and home parenteral nutrition (*Case reports*), **1613**
Intestine, large, cancer of, risk of, and breath methane in contrasting African populations, **608**
——, small, adenocarcinoma of, and neurofibromatosis, association between (*Letter*), **134**
——, ——, —— ——, duodenal carcinoid tumour, and von Recklinghausen's neurofibromatosis (*Letter*), **553**, **557** (*Addendum*)

——, ——, affected by chronic alcoholism, neutrophil and eosinophil involvement of, **1656**
——, ——, and stomach, apical membrane integrity and fluidity, effect of alcohols, **1648**
——, ——, brush border enzyme activities along, age related increase of, **1557**
——, ——, dysmotility in irritable bowel syndrome, **1236**
——, ——, epithelial repair after transient segmental ischaemia, failure of ornithine decarboyxlase inhibition to alter, **935**
——, ——, epithelium, fetal, human, HLA-DR expression in, **1342**
——, ——, ischaemia of, in rats, mucosal damage associated with, prevention by phospholipase A_2 inhibition, **489**
——, ——, lipid infusion into different regions of, comparative effects on feeding behaviour and satiety, **306**
——, ——, motor activity, fasting, ontogeny in infant, **483**
——, ——, mucosal biotransformation rates in children, **1058**
——, ——, nitrogen losses from, obligatory losses and effect of physical form of food, **809**
——, ——, permeability to polyethyleneglycol 600 in Crohn's disease, peroperative determination in defined segment, **196**
——, ——, rat, maturation at weaning and changes in epithelial cell kinetics, bacterial flora, and mucosal immune activity, **1672**
——, ——, ——, smooth muscle contractile protein synthesis reduced by acute ethanol dosage, **1244**
——, ——, resection, distal, massive, mucosal adaptation in rat after, morphological and functional effects of 16,16-dimethyl-prostaglandin-E_2, **802**
——, ——, —— in rat, promotion of intestinal tumours by, changes in faecal bile acids after, **495**
——, ——, transit, and fasting jejunal motility, effect of jejunal infusion of bile acids, **789**
——, ——, water and electrolyte absorption, inhibition by unconjugated bilirubin and bile from Gunn rats undergoing phototherapy, **366**
Intestines, carcinoma of small and large bowel, synchronous, developing after pelvic irradiation (*Case report*), **126**
——, epithelial cells, rat, attachment of *Giardia lamblia* to, **795**
——, human, normal and in cystic fibrosis, at different developmental stages, calmodulin in, **571**
——, inflammatory disease, adenosine diphosphate ribosyl transferase response induced by hydrogen peroxide in, **1680**
——, ————, and smoking, case control study, **352**
——, ————, chronic, faecal α_1-antitrypsin in (*Letters*), **262**
——, ————, colonic mucosa in, macrophage heterogeneity in, **1531**
——, ————, employment problems and prospects for patients with, **1229**; *Erratum*, **1756**
——, ————, hybridomas generated from activated B cells in mesenteric lymph nodes in, specificity of antibodies secreted by, **35**
——, ————, increased rate of spinal trabecular bone loss in, **1332**
——, ————, lactosylceramide in, biochemical study, **580**
——, ————, lysis of colonic epithelial cells by allogeneic mononuclear and lymphokine activated killer cells derived from peripheral blood and intestinal mucosa in, **1076**
——, ————, management complicated by devastating diarrhoea due to azathioprine (*Case reports*), **686**
——, irritable bowel syndrome, and diverticular disease, sigmoid motility in, **218**; (*Letters*), **1290**
——, ——————, dysmotility of small intestine in, **1236**
——, ——————, oesophageal motility in, effect of stress, **1591**
——, ——————, psychological factors in (*Letters*), **411**
——, mononuclear cells, immunoglobulin synthesis *in vitro* by, disordered regulation of, in Crohn's disease, **503**
——, necrosis induced by platelet activating factor, role of oxygen derived free radicals in, **1207**
——, permeability (*Letters*), **693, 1016**
——, —— and epithelial differentiation, changes during inflammation in rat, **57**
——, rabbit, *in vitro* study of pathogenesis of postantibiotic diarrhoea due to *Clostridium difficile* in, **598**
——. *See also* Bowel
Intra-abdominal pressure rises, preservation of faecal continence during (*Letter*), **553**
Intragastric acidity and plasma gastrin concentration, 24 hour, in healthy volunteers taking nizatidine 150 mg or 300 mg, ranitidine 300 mg, or placebo at 21 00 h, **1364**
————, effects of cimetidine, ranitidine, famotidine, and placebo, comparison in 30 normal volunteers, **81**
————, 24 hour, pattern in active duodenal ulcer disease and in healthy controls, **1583**
—— pH, effect on mucosal protective action of sucralfate, **1379**
————, high, in duodenal ulcer maintained by continuous intravenous famotidine infusions, **453**
Intraluminal acid, oesophageal clearance responses to, studies in normal subjects, **881**
—— distension, graded, functional relationships between cricopharyngeal sphincter and oesophageal body in response to, **161**
Intravascular coagulation in acute liver failure in rats and treatment with antithrombin III, **1103**
Intrinsic factor, human, iodinated, radioautographic localisation in guinea pig ileum using electron microscopy, **1370**
IORIO, R. *See* BORTOLOTTI, F, CALZIA R, *et al.*
IRELAND, A, MASON, C H, and JEWELL, D P: Controlled trial comparing olsalazine and sulphasalazine for the maintenance treatment of ulcerative colitis (*Clinical trial*), **835**
Iridium-192 wire, transpapillary, in treatment of malignant bile duct obstruction, **149**
IRVINE, E J, O'CONNOR, J, FROST, R A, SHORVON, P, SOMERS, S, STEVENSON, G W, and HUNT, R H: Prospective comparison of double contrast barium enema plus flexible sigmoidoscopy *v* colonoscopy in rectal bleeding: barium enema *v* colonoscopy in rectal bleeding, **1188**
IRVING, M H. *See* MUGHAL, M M, and IRVING, M H
Isosorbide-5-mononitrate, effect and mechanism of action, **752**
IVEY, K J. *See* OTA, S, RAZANDI, M, *et al.*

JACKSON, B T. *See* GAJRAJ, H, DAVIES, D R, *et al.*
JANOWITZ, H D. *See* GREENSTEIN, A J, LACHMAN, P, *et al.*
——. *See* SHLIEN, R D, MEYERS, S, *et al.*
JENSEN, J B M J, LUNDBORG, P, BAAK, L C, GREVE, J, OHMAN, M STÖVER, C RÖHSS, K, and LAMBERS, C B H W: Effect of single and repeated intravenous doses of omeprazole on pentagastrin stimulated gastric acid secretion and pharmacokinetics in man, **75**
——. *See also* LAMERS, C B H W, ROTTER, J I, *et al.*
JANSSENS, J. *See* CECCATELLI, P, JANSSENS, J, *et al.*
JÄRNEROT, G. *See* LINDBERG, E, TYSK, C, *et al.*
——. *See* TYSK, C, LINDBERG, E, *et al.*
JARRY, A, CERF-BENSUSSAN, N, BROUSSE, N, GUY-GRAND, D, MUZEAU, F, and POTET, F: The same peculiar subset of HML1+ lymphocytes present within normal intestinal epithelium is associated with tumoural epithelium of gastrointestinal carcinomas, **1632**
JEEJEEBHOY, K N. *See* GREENBERG, G R, FLEMING, C R, *et al.*
JEFFCOATE, W J. *See* FELLOWS, I W, STEWART, M, *et al.*
Jejunoileal bypass for morbid obesity, rectal hyperplasia after, **1544**
———— or ileal resection, raised plasma cholesterol precursors after, **188**
Jejunum, biopsies from children with cystic fibrosis, failure to induce secretion in, **957**
——, human, water and electrolyte secretion induced by 5-hydroxytryptamine, prostaglandin E_2 as mediator of, **1337**
——, morphology, and serum anti-gluten antibodies, effect of low gluten diet in treatment of adult coeliac disease, **1564**
——, motility and release of neurotensin, enteroglucagon, and peptide YY, effect of ileal infusion of partial digests of fat, protein, and starch, and characterisation of ileal brake reflex in man, **1042**
——, ——, fasting, and small bowel transit, effect of jejunal infusion of bile acids, **789**

——, mucosa of, in dogs with aerobic and anaerobic overgrowth, response to antibiotic therapy, **473**
——, rat, glucose homeostasis regulation by despentapeptide-insulin *in vitro* in, **1064**
——, salt and water transport, effect of moderate exercise, **816**
——, specific brush border membrane defect in glucose-galactose malabsorption, demonstration of, **1661**
JENKINS, S A, and SHIELDS, R: Somatostatin on intravariceal pressure (*Letter*), **1289**
JENKINSON, L R. *See* WATSON, A, JENKINSON, L R, *et al.*
JENNINGS, M, WARD, P, and MADDOCKS, J L: Blue rubber bleb naevus disease: an uncommon cause of gastrointestinal tract bleeding (*Case report*), **1408**
JENSEN, L I. *See* SØRENSEN, T I A, ANDERSEN, B, *et al.*
JENSEN, L S. *See* GREGERSEN, H, JENSEN, L S, *et al.*
JESSEN, K R, HILLS, J M, and LIMBRICK, A R: GABA immunoreactivity and ^{3}H-GABA uptake in mucosal epithelial cells of the rat stomach, **1549**
JEWELL, D P. *See* CHAPMAN, R W, KELLY, P M A, *et al.*
——. *See* GYDE, S N, PRIOR, P, *et al.*
——. *See* IRELAND, A, MASON, C H, *et al.*
JIAN, R. *See* RAMBAUD, J C, JIAN, R, *et al.*
JOELSSON, B. *See* JOHNSSON, F, and JOELSSON, B
JOHNSON, A G. *See* BAXTER, A J, MANGNALL, Y F, *et al.*
——. *See* HOSKING, S W, DOSS, W, *et al.*
——. *See* SUN, W M, HOUGHTON, L A, *et al.*
JOHNSSON, F, and JOELSSON, B: Reproducibility of ambulatory oesophageal pH monitoring, **886**
JONES, D B, HOWDEN, C W, BURGET, D W, SILLETTI, C, and HUNT, R H: Alteration of H_2 receptor sensitivity in duodenal ulcer patients after maintenance treatment with an H_2 receptor antagonist, **890**
JONES, H W, GROGONO, J, and HOARE, A M: Surveillance in ulcerative colitis: burdens and benefit, **325**
JONES, R. *See* COX, J G C, WINTER, R K, *et al.*
JØRGENSEN, T: Gall stones in a Danish population: fertility period, pregnancies, and exogenous female sex hormones, **433**
JUTLEY, J K, KELLEHER, J, BRENNAN, T G, DENYER, M E, and MITCHELL, C J: Cytosolic retinoic acid binding protein in the human pancreas, **1093**

KADISH, U. *See* DELPRE, G, and KADISH, U
KAMATH, P S, and PHILLIPS, S F: Initiation of motility in canine ileum by short chain fatty acids and inhibition by pharmacological agents, **941**
——. *See also* PHILLIPS, S F, QUIGLEY, E M M, *et al.*
KAMM, M A, HAWLEY, P R, and LENNARD-JONES, J E: Outcome of colectomy for severe idiopathic constipation, **969**
——, LENNARD-JONES, J E, THOMPSON, D G, SOBNACK, R, GARVIE, N W, and GRANOWSKA, M: Dynamic scanning defines a colonic defect in severe idiopathic constipation, **1085**
KAPITA, B. *See* COLEBUNDERS, R, LUSAKUMINI, K, *et al.*
KASTURI, N. *See* CONTRACTOR, Q Q, BENSON, L, *et al.*
KATSCHINSKI, B, LOGAN, R F A, EDMOND, M, and LANGMAN, M J S: Smoking and sugar intake are separate but interactive risk factors in Crohn's disease, **1202**
KAUFMANN, D. *See* MERKI, H S, WITZEL, L, *et al.*
KEANE, C T. *See* HUMPHREYS, H, BOURKE, S, *et al.*
KEDINGER, M. *See* ROCHETTE-EGLY, C, LACROIX, B, *et al.*
KEIGHLEY, M R B. *See* ANDREWS, H, WYKE, J, *et al.*
KEKAHBAH, E L. *See* COLLINS, J F, STRICKLAND, R G, *et al.*
KEKKI, M. *See* SIURALA, M, SIPPONEN, P, *et al.*
KELLEHER, J. *See* COPE, G F, HEATLEY, R V, *et al.*
——. *See* GILBERT, J, KELLEHER, J, *et al.*
——. *See* JUTLEY, J K, KELLEHER, J, *et al.*
KELLER, U. *See* BEGLINGER, C, KOEHLER, E, *et al.*
KELLETT, G L. *See* WOLLEN, N, and KELLETT, G L
KELLIHER, P. *See* MCCORMICK, P A, FEIGHERY, C, *et al.*
KELLOW, J E, PHILLIPS, S F, MILLER, L J, and ZINSMEISTER, A R: Dysmotility of the small intestine in irritable bowel syndrome, **1236**
KELLY, P M A. *See* CHAPMAN, R W, KELLY, P M A, *et al.*
KEMPF, M. *See* MERKI, H S, WITZEL, L, *et al.*
KENDALL, G P N. *See* ANDREOLLO, N A, THOMPSON, D G, *et al.*
KENNEDY, N. *See* ERIKSEN, C A, SADEK, S A, *et al.*
KENNEDY, R H, and THOMPSON, M H: Are duodenal diverticula associated with choledocholithiasis?, **1003**
KERSTAN, E. *See* GALMICHE, J P, BRANDSTÄTTER, G, *et al.*
KETT, K. *See* BRANDTZAEG, P, SOLLID, L M, *et al.*
KEYNES, M: Heretical thoughts on the pathogenesis of acute pancreatitis (*Progress report*), **1413**
Killer cells. *See* Lymphokine-activated killer cells
KINGSTON, R D: Neurofibromatosis and small bowel adenocarcinoma – an unrecognised association (*Letter*), **134**
KINO, I. *See* NAKAMURA, S, KINO, I, *et al.*
KIRK, R M: An overlooked factor in duodenal ulceration and postoperative recurrence? (*Leading article*), **1625**
KLEBER, G, SAUERBRUCH, T, FISCHER, G, and PAUMGARTNER, G: Somatostatin does not reduce oesophageal variceal pressure in liver cirrhotics, **153**; (*Letter*), **1289**
KLEIN, H C. *See* SØRENSEN, T I A, ANDERSEN, B, *et al.*
KLEMP, P F B. *See* LEVITT, M D, LAURENCE, B H, *et al.*
KLIMESCH, S. *See* VATTAY, P, FEIL, W, *et al.*
KLÖPPEL, G. *See* MÜLLER, M K, DEGENHARDT, H, *et al.*
KNIGHT, L C. *See* SIEGEL, J A, URBAIN, J-L, *et al.*
KOCHHAR, R, RAJWANSHI, A, and MEHTA, S K: Endoscopic needle aspiration cytology (*Letter*), **556**
KOEHLER, E. *See* BEGLINGER, C, KOEHLER, E, *et al.*
KÖNIGSRAINER, A. *See* POINTNER, R, SCHWAB, G, *et al.*
KONIKOFF, F: Tripotassium dicitrato bismuthate on unhealed duodenal ulcers (*Letter*), **551**
KONTUREK, S J, DEMBINSKI, A, WARZECHA, Z, BIELANSKI, W, BRZOZOWSKI, T, and DROZDOWICZ, D: Epidermal growth factor in the gastroprotective and ulcer healing actions of colloidal bismuth subcitrate (De-Nol) in rats, **894**
KOTOULAS, O B. *See* TSIMOYIANNIS, E C, SARROS, C J, *et al.*
KRAMMISCH, H. *See* MERKI, H S, WITZEL, L, *et al.*
KRATOCHVIL, P. *See* GALMICHE, J P, BRANDSTÄTTER, G, *et al.*
KRAUSE, J A. *See* WEAVER, G A, KRAUSE, J A, *et al.*
KRAUSE, W J. *See* OTA, S, RAZANDI, M, *et al.*
KRAWIEC, J. *See* SCHWARTZ, B, FRASER, G M, *et al.*
KREVSKY, B. *See* SIEGEL, J A, URBAIN, J-L, *et al.*
KUMAR, D. *See* PHILLIPS, S F, QUIGLEY, E M M, *et al.*
KUMAR, P J. *See* MONTGOMERY, A M P, GOKA, A K J, *et al.*
KURTZ, A B. *See* LINEHAN, I P, LAMBERT, M A, *et al.*
KURTZ, W. *See* LEUSCHNER, M, LEUSCHNER, U, *et al.*
KVALE, D. *See* BRANDTZAEG, P, SOLLID, L M, *et al.*

LABROOY, J T. *See* CUMMINS, A G, STEELE, T W, *et al.*
LACHMAN, P. *See* GREENSTEIN, A J, LACHMAN, P, *et al.*
LACROIX, B. *See* ROCHETTE-EGLY, C, LACROIX, B, *et al.*
Lactitol assimilation in normal colon, **1666**
Lactosylceramide in inflammatory bowel disease, biochemical study, **580**
Lactulose-mannitol test in Crohn's disease, assessment of, **511**
LAFERLA, G. *See* MURRAY, W R, LAFERLA, G, *et al.*
LAMBERT, M A. *See* LINEHAN, I P, LAMBERT, M A, *et al.*
LAMERS, C B H W, ROTTER, J I, and JANSEN, J B M J: Gastrin cell function in familial multiple endocrine neoplasia type I, **1358**
——. *See also* HOPMAN, W P M, HOUBEN, P G M P, *et al.*
——. *See also* JANSEN, J B M J, LUNDBORG, P, *et al.*
——. *See also* VERSPAGET, H W, PEÑA, A S, *et al.*
LAMPRECHT, S A. *See* SCHWARTZ, B, FRASER, G M, *et al.*
LANE, M. *See* ANDREWS, H, WYKE, J, *et al.*
LANGMAN, M J S. *See* KATSCHINSKI, B, LOGAN, R F A, *et al.*
LANZON-MILLER, S, POUNDER, R E, CHRONOS, N A F, RAYMOND, F, HAMILTON, M R, and DALGLEISH, D: Twenty four hour intragastric acidity and plasma gastrin concentration in healthy volunteers taking nizatidine 150 mg, nizatidine 300 mg, ranitidine 300 mg, or placebo at 21 00 h, **1364**

LARREY, D, FRÉNEAUX, E, BERSON, A, BABANY, G, DEGOTT, C, VALLA, D, PESSAYRE, D, and BENHAMOU, J P: Peliosis hepatis induced by 6-thioguanine administration (*Case report*), **1265**

Laryngeal carcinoma, perforation of gastric squamous carcinoma metachronous to, metastatic in origin? (*Case report*), **534**

Laser photocoagulation, Nd YAG, interstitial, low power, in normal and neoplastic rat colon, **27**

Laserlithotripsy of common bile duct stones, **746**

LAURENCE, B H. *See* LEVITT, M D, LAURENCE, B H, *et al.*

LAURITSEN, K, LAURSEN, L S, BUKHAVE, K, and RASK-MADSEN, J: Longterm olsalazine treatment: pharmacokinetics, tolerance and effects on local eicosanoid formation in ulcerative colitis and Crohn's colitis, **974**

——, ——, ——, ——: Use of colonic eicosanoid concentrations as predictors of relapse in ulcerative colitis: double blind placebo controlled study on sulphasalazine maintenance treatment, **1316**

——, RUNE, S J, WULFF, H R, OLSEN, J H, LAURSEN, L S, HAVELUND, T, ASTRUP, L, BENDTSEN, F, LINDE, J, BYTZER, P, TAGE-JENSEN, U, GLUUD, C, ANDERSEN, H H, SCHLICHTING, P, SKOVBJERG, H, MERTZ-NIELSEN, A, and RASK-MADSEN, J: Effect of omeprazole and cimetidine on prepyloric gastric ulcer: double blind comparative trial (*Clinical trial*), **249**

LAURSEN, K. *See* SØRENSEN, T I A, ANDERSEN, B, *et al.*

LAURSEN, L S. *See* LAURITSEN, K, LAURSEN, L S, *et al.*

——. *See* LAURITSEN, K, RUNE, S J, *et al.*

LAUTERBURG, B H, and VELEZ, M E: Glutathione deficiency in alcoholics: risk factor for paracetamol hepatotoxicity, **1153**

LAWRENCE, W T. *See* BANNISTER, J J, LAWRENCE, W T, *et al.*

LAZAROVICI, D. *See* LEUSCHNER, M, LEUSCHNER, U, *et al.*

LAZZARONI, M. *See* BIANCHI PORRO, G, PARENTE, F, *et al.*

LEANDERSSON, P. *See* OLAISON, G, LEANDERSSON, P, *et al.*

LEBUGHE, I. *See* COLEBUNDERS, R, LUSAKUMUNI, K, *et al.*

LEE, J A. *See* SHLIEN, R D, MEYERS, S, *et al.*

LENNARD-JONES, J E, RITCHIE, J K, and MELVILLE, D M: Colorectal cancer in UC (*Letter*), **1291**

——. *See also* CHAO, L P, STEELE, J, *et al.*

——. *See also* KAMM, M A, HAWLEY, P R, *et al.*

——. *See also* KAMM, M A, LENNARD-JONES, J E, *et al.*

Leucocytes, ^{111}Indium, mixed, autologous, scanning with, in Crohn's disease for assessment of disease extent and activity, **821**

LEUSCHNER, M, LEUSCHNER, U, LAZAROVICI, D, KURTZ, W, and HELLSTERN, A: Dissolution of gall stones with an ursodeoxycholic acid menthol preparation: a controlled prospective double blind trial, **428**

LEUSCHNER, U. *See* LEUSCHNER, M. LEUSCHNER, U, *et al.*

LEVITT, M D, LAURENCE, B H, CAMERON, F, and KLEMP, P F B: Transpapillary iridium-192 wire in the treatment of malignant bile duct obstruction, **149**

LEVY, D M. *See* ROGERS, J, LEVY, D M, *et al.*

LEVY, J. *See* SCHWARTZ, B, FRASER, G M, *et al.*

LEWIN, M R. *See* MATTHEWSON, K, BARTON, T, *et al.*

LIAW, Y F. *See* CHU, C M, and LIAW, Y F

Life events and psychiatric illness preceding functional abdominal pain, **235**

LIGUMSKY, M. *See* STALNIKOWICZ, R, POLLAK, D, *et al.*

LIMBRICK, A R. *See* JESSEN, K R, HILLS, J M, *et al.*

LINDAHL, M. *See* OTAMIRI, T, LINDAHL, M, *et al.*

LINDBERG, E, TYSK, C, ANDERSSON, K, and JÄRNEROT, G: Smoking and inflammatory bowel disease: a case control study, **352**

——. *See also* TYSK, C, LINDBERG, E, *et al.*

LINDE, J. *See* LAURITSEN, K, RUNE, S J, *et al.*

LINDSELL, D: Role of ultrasound in bile duct obstruction (*Letter*), **1426**

LINEHAN, I P, LAMBERT, M A, BROWN, D C, KURTZ, A B, COTTON, P B, and RUSSELL, R C G: Total pancreatectomy for chronic pancreatitis, **358**

Lipid, infusion into different regions of small intestine, comparative effects on feeding behaviour and satiety, **306**

5-Lipoxygenase products and arachidonate, endogenous, source of, in human neutrophils stimulated by bradykinin and A23187, **319**

LITTLEWOOD, J M. *See* GILBERT, J, KELLEHER, J, *et al.*

Liver cirrhosis, oesophageal variceal pressure not reduced by somatostatin in, **153**; (*Letters*), **1289**

——disease, alcoholic, not associated with histocompatibility antigens in study of patients in Scotland and NE England, **146**

——failure, acute, in rats, intravascular coagulation in, and treatment with antithrombin III, **1103**

————, fulminant, frequency of pancreatitis in, shown by isoenzyme markers, **778**

——transplantation, present position and impact on hepatological practice (*Leading article*), **566**

——. *See also* Hepatic; Hepatotoxicity

LOFBERG, R. *See* GYDE, S N, PRIOR, P, *et al.*

LOGAN, R F A. *See* COX, J, DANESHMEND, T K, *et al.*

——. *See* KATSCHINSKI, B, LOGAN, R F A, *et al.*

LÖHR, M. *See* MÜLLER, M K, DEGENHARDT, H, *et al.*

LOJ, E H. *See* BAXTER, A J, MANGNALL, Y F, *et al.*

LOMBARD, M. *See* MURRAY, F E, LOMBARD, M, *et al.*

LONGANESI, A. *See* BALDI, F, FERRARINI, F, *et al.*

Loperamide and codeine, effects on upper intestinal transit and absorption in normal subjects and in postvagotomy diarrhoea, **312**

LORD, S. *See* SEGAL, I, WALKER, A R P, *et al.*

LOSOWSKY, M S. *See* BADR-EL-DIN, S, TREJDOSIEWICZ, L K, *et al.*

——. *See* THORNTON, J R, DEAN, H, *et al.*

LOVELL, D. *See* SPILLER, R C, LOVELL, D, *et al.*

LÜBKE, H J. *See* FRIELING, T, BERGES, W, *et al.*

LUBOWSKI, D Z. *See* SWASH, M, GRAY, A, *et al.*

LUNDBORG, P. *See* JANSEN, J B M J, LUNDBORG, P, *et al.*

LUSAKUMUNI, K. *See* COLEBUNDERS, R, LUSAKUMUNI, K, *et al.*

LUX, G. *See* ELL, C, LUX, G, *et al.*

Lymph nodes, mesenteric, in inflammatory bowel disease, hybridomas generated by activated B cells in, specificity of antibodies secreted by, **35**

————of athymic *nu/nu* mice inoculated with Crohn's disease tissue filtrates, histological response and antigen transmission in, **983**

Lymphocytes, HML1+, present in normal intestinal epithelium also associated with tumoural epithelium of gastrointestinal carcinomas, **1632**

——, intraepithelial, of rectal mucosa in coeliac sprue, **200**

——. *See also* B cells

Lymphocytic gastritis, retrospective endoscopic and histological study, **1258**

Lymphoepithelial interactions in mucosal immune system (*Progress report*), **1116**

Lymphokine-activated killer cells, activity in gatrointestinal cancer (*Letters*), **693, 694**

——————and mononuclear cells, allogeneic, derived from peripheral blood and intestinal mucosa, lysis of colonic epithelial cells in inflammatory bowel disease by, **1076**

MCCLOY, R F. *See* PEARSON, R C, and MCCLOY, R F

MCCOLL, I. *See* MASON, R C, TAYLOR, P R, *et al.*

MCCOLL, K E L. *See* BOYD, E J S, HULKS, G, *et al.*

MCCORMICK, P A, FEIGHERY, C, DOLAN, C, O'FARRELLY, C, KELLIHER, P, GRAEME-COOK, F, FINCH, A, WARD, K, FITZGERALD, M X, O'DONOGHUE, D P, and WIER, D G: Altered gastrointestinal immune response in sarcoidosis, **1628**

MACDONALD, T T, WEINEL, A, and SPENCER, J: HLA-DR expression in human fetal intestinal epithelium, **1342**

MCFADDEN, J J. *See* BUTCHER, P D, MCFADDEN, J J, *et al.*

——. *See* HAMPSON, S J, MCFADDEN, J J, *et al.*

MCGOURAN, R C M, GALLOWAY, J M, SPENCE, D S, MORTON, C P, and MARCHANT, D: Does measurement of yield pressure at the cardia during endoscopy provide information on the function of the lower oesophageal sphincter mechanism?, **275**

MCGUIRE, V. *See* STADLER, J, STERN, H S, *et al.*

MCINERNEY, P D: Spontaneous haemoperitoneum from rupture of a primary hepatic adenoma in an adult man – an update (*Letter*), **1427**

MCINTYRE, A S. *See* O'BRIEN, J D, THOMPSON, D G, *et al.*

——. *See* THOMPSON, D G, ANDREOLLO, N A, *et al.*
MCKENNA, D. *See* HUMPHREYS, H, BOURKE, S, *et al.*
MACKENZIE, J F. *See* PARK, R H R, MCKILLOP, J H, *et al.*
MACKIE, C R. *See* PARR, N J, GRIME, S, *et al.*
MCKILLOP, J H. *See* PARK, R H R, MCKILLOP, J H, *et al.*
MCLAUCHLAN, G: Continuous oesophageal pH-monitoring (*Letter*), **413**
MCLEAN, L. *See* BATT, R M, MCLEAN, L, *et al.*
MACLEOD, R J. *See* GUZMAN, C, MACLEOD, R J, *et al.*
MCNEISH, A S. *See* NEWELL, S J, SARKAR, P K, *et al.*
Macrophage heterogeneity in normal colonic mucosa and in inflammatory bowel disease, **1531**
MACSWEEN, R N M. *See* MILLS, P R, MACSWEEN R N M, *et al.*
——. *See* QUIGLEY, E M M, MILLS, P R, *et al.*
MADDOCKS, J L. *See* JENNINGS, M, WARD, P, *et al.*
MAINGUET, P. *See* HAOT, J, HAMICHI, L, *et al.*
MÄKI, M. *See* STÅHLBERG, M-R, HIETANEN, E, *et al.*
Malabsorption, risk of gall stone formation induced by, in relation to fall in plasma cholesterol, **108**
MALAMISURA, B. *See* GUANDALINI, S, FASANO, A, *et al.*
MALMUD, L S. *See* SIEGEL, J A, URBAIN, J-L, *et al.*
MANGALL, Y F. *See* BAXTER, A J, MANGNALL, Y F, *et al.*
MANI, V. *See* RILEY, S A, MANI, V, *et al.*
MANN, J. *See* PIXLEY, F, and MANN, J
Manometric probe, computer aided positioning in upper digestive tract, **1007**
Manovolumetry for investigation of anorectal function, **614**
MAPPES, A. *See* MERKI, H S, WITZEL, L, *et al.*
MARAZZI, M G. *See* BORTOLOTTI, F, CALZIA, R, *et al.*
MARCHANT, D. *See* MCGOURAN, R C M, GALLOWAY, J M, *et al.*
MARCHESANO, G. *See* GUANDALINI, S, FASANO, A, *et al.*
MARCON, N. *See* STADLER, J, STERN, H S, *et al.*
MARCUS, S N, and HEATON, K W: Deoxycholic acid and the pathogenesis of gall stones (*Progress report*), **522**
MARKOWITZ, M M, ROZEN, P, PERO, R W, TOBI, M, and MILLER, D G: Hydrogen peroxide induced adenosine diphosphate ribosyl transferase response in patients with inflammatory bowel disease, **1680**
MARSHALL, W J. *See* EDE, R J, MOORE, K P, *et al.*
MARSZALEK, A. *See* WHALEN, G F, HUIZINGA, W K J, *et al.*
MARTIN, D F: Ultrasound or computed tomography for the initial investigation of biliary obstruction (*Letter*), **1618**
MARTIN, T. *See* BARDHAN, K D, HUNTER, J O, *et al.*
MASAKI, N. *See* FUJIWARA, K, OGATA, I, *et al.*
MASLIN, S C. *See* COX, J G C, WINTER, P K, *et al.*
MASON, C H. *See* IRELAND, A, MASON, C H, *et al.*
MASON, R C, TAYLOR, P R, FILIPE, M I, and MCCOLL, I: Pancreaticoduodenal secretions and the genesis of gastric stump carcinoma in the rat, **830**
MASSARRAT, S, MÜLLER, H G, and SCHMITZ-MOORMANN, P: Risk factors for healing of duodenal ulcer under antacid treatment: do ulcer patients need individual treatment?, **291**
MASTRANTONIO GIANFRILLI, P. *See* GUANDALINI, S, FASANO, A, *et al.*
MATHAN, V I. *See* RAMAKRISHNA, B S, and MATHAN, V I
MATTHEWS, J L. *See* SAVAGE, A P, SIAN, M S, *et al.*
MATTHEWSON, K, BARTON, T, LEWIN, M R, O'SULLIVAN, J P, NORTHFIELD, T C, and BOWN, S G: Low power interstitial Nd YAG laser photocoagulation in normal and neoplastic rat colon, **27**
——, PUGH, S, and NORTHFIELD, T C: Which peptic ulcer patients bleed?, **70**
MAURER, A H. *See* SIEGEL, J A, URBAIN, J-L, *et al.*
MAYBERRY, J F, and MAYELL, M J: Epidemiological study of achalasia in children, **90**
——. *See also* ROSE, J D R, ROBERTS, G M, *et al.*
MAYELL, M J. *See* MAYBERRY, J F, and MAYELL, M J
Meal temperature, effect on gastric emptying of liquids, **302**; (*Letters*), **1292, 1293**
MEHTA, S K. *See* KOCHHAR, R, RAJWANSHI, A, *et al.*
MELTON, L J, III. *See* GOLLOP, J H, PHILLIPS, S F, *et al.*
MELVILLE, D M. *See* LENNARD-JONES, J E, RITCHIE, J K, *et al.*
MERKI, H S, FIMMEL, C J, WALT, R P, HARRE, K, RÖHMEL, J, and WITZEL, L: Pattern of 24 hour intragastric acidity in active duodenal ulcer disease and in healthy controls, **1583**
——, WITZEL, L, KAUFMANN, D, KEMPF, M, NEUMANN, J, RÖHMEL, J, and WALT, R P: Continuous intravenous infusions of famotidine maintain high intragastric pH in duodenal ulcer, **453**
——, ——, WALT, R P, NEUMANN, J, SCHEURLE, E, MAPPES, A, KRAMMISCH, H, HEIM, J, KAUFMANN, D, and RÖHMEL, J: Double blind comparison of the effects of cimetidine, ranitidine, famotidine, and placebo on intragastric acidity in 30 normal volunteers, **81**
MERTZ-NIELSEN, A. *See* LAURITSEN, K, RUNE, S J, *et al.*
——. *See* MUNCK, L K, MERTZ-NIELSEN, A, *et al.*
MERYN, S. *See* VOGELSANG, H, FERENCI, P, *et al.*
Mesalazine. *See* 5 Aminosalicylic acid, delayed release
Mesenteric lymph nodes in inflammatory bowel disease, hybridomas generated by activated B cells in, specificity of antibodies secreted by, **35**
MESNARD, B. *See* COLOMBEL, J F, HÄLLGREN, R, *et al.*
Methane in breath and large bowel cancer risk in contrasting African populations, **608**
Methyl tertiary butyl ether, *in vivo* dissolution of calculi in common bile duct using, **143**; (*Letters*), **873**
MEYER ZUM BÜSCHENFELDE, K H. *See* GOERG, K J, WANITSCHKE, R, *et al.*
MEYERS, S: Olsalazine and GI transit in UC (*Letter*), **695**
——. *See also* SHLIEN, R D, MEYERS, S, *et al.*
MIDDLETON, K. *See* BJARNASON, I, and MIDDLETON, K
MIELANTS, H. *See* CUVELIER, C, MIELANTS, H, *et al.*
MIETTINEN, T A. *See* FÄRKKILÄ, M A, TILVIS, R S, *et al.*
MIGLIAVACCA, M. *See* GUANDALINI, S, FASANO, A, *et al.*
MIGLIOLI, M. *See* BALDI, F, FERRARINI, F, *et al.*
MIGNON, M. *See* RUSZNIEWSKI, P, GIRARD, F, *et al.*
MILLA, P J. *See* BISSET, W M, WATT, J B, *et al.*
MILLER, D G. *See* MARKOWITZ, M M, ROZEN, P, *et al.*
MILLER, J P. *See* BARDHAN, K D, HUNTER, J O, *et al.*
MILLER, L J. *See* KELLOW, J E, PHILLIPS, S F, *et al.*
MILLER, T L. *See* WEAVER, G A, KRAUSE, J A, *et al.*
MILLERON, B. *See* CADRANEL, J F, CADRANEL, J, *et al.*
MILLS, P R, MACSWEEN, R N M, DICK, H M, and HISLOP, W S: Histocompatibility antigens in patients with alcoholic liver disease in Scotland and northeastern England: failure to show an association, **146**
——. *See also* QUIGLEY, E M M, MILLS, P R, *et al.*
MINAIRE, Y. *See* ANDRE, F, ANDRE, C, *et al.*
MIRAKIAN, R. *See* DE LAZZARI, F, MIRAKIAN, R, *et al.*
MISIEWICZ, J J: Summaries of papers reporting results of clinical trials (*Editorial announcement*), **273**
——. *See also* PENAGINI, R, MISIEWICZ, J J, *et al.*
——. *See also* ROGERS, J, HENRY, M M, *et al.*
——. *See also* ROGERS, J, LEVY, D M, *et al.*
——. *See also* SPILLER, R C, TROTMAN, I F, *et al.*
——. *See also* TROTMAN, I F, and MISIEWICZ, J J
MITCHELL, C J. *See* JUTLEY, J K, KELLEHER, J, *et al.*
MITCHELL, G. *See* DANESH, B J Z, DUNCAN, A, *et al.*
Mitochondrial myopathy, chronic intestinal pseudoobstruction and ophthalmoplegia in patient with (*Case report*), **544**
MITTAL, S K. *See* RATAN, M L, ANAND, R, *et al.*
MODIGLIANI, R. *See* COLOMBEL, J F, SUTTON, A, *et al.*
MOINIER, B. *See* HANNEMAN, R L, and MOINIER, B
MONIN, B. *See* GUÉANT, J L, GÉRARD, A, *et al.*
Mononuclear and lymphokine activated killer cells, allogeneic, derived from peripheral blood and intestinal mucosa, lysis of colonic epithelial cells in inflammatory bowel disease by, **1076**
MONTGOMERY, A M P, GOKA, A K J, KUMAR, P J, FARTHING, M J G, and CLARK, M L: Low gluten diet in the treatment of adult coeliac disease: effect on jejunal morphology and serum antigluten antibodies, **1564**
MOORE, K P. *See* EDE, R J, MOORE, K P, *et al.*
MOOTS, R J, PROUSE, P, and GUMPEL, J M: Near fatal eosinophilic gastroenteritis responding to oral sodium cromoglycate (*Case report*), **1282**
MORELLI, A. *See* BASSOTTI, G, GABURRI, M, *et al.*

Morphine, effect on sphincter of Oddi, **1402**
MORRIS, A I. *See* TOBIN, M V, and MORRIS, A I
MORTENSEN, N: Progress with the pouch – restorative proctocolectomy for ulcerative colitis (*Leading article*), **561**
MORTON, C P. *See* MCGOURAN, R C M, GALLOWAY, J M, *et al.*
MOTLEY, R J, CRAWLEY, E O, EVANS, C, RHODES, J, and COMPSTON, J E: Increased rate of spinal trabecular bone loss in patients with inflammatory bowel disease, **1332**
MOUTESIDOU, K. *See* TSIMOYIANNIS, E C, SARROS, C J, *et al.*
MOWAT, A MCI, FELSTEIN, M V, BORLAND, A, and PARROTT, D M V: Experimental studies of immunologically mediated enteropathy: development of cell mediated immunity and intestinal pathology during graft-versus-host reaction in irradiated mice, **949**
Mucin in gall bladder bile of gall stone patients, influence of chenodeoxycholic and ursodeoxycholic acid treatment, **1506**
Mucosal adaptation after massive distal small bowel resection in rat, morphological and functional effects of 16,16-dimethyl-prostaglandin-E_2, **802**
——damage associated with small intestinal ischaemia in rats, prevention by phospholipase A_2 inhibition, **489**
————, correlation with acid stimulated alkaline secretion in rabbit duodenum, **284**
——immune system, lymphoepithelial interactions in (*Progress report*), **1116**
——protective action of sucralfate, effect of intragastric pH, **1379**
Mucosa(1). *See also under* Colon; Colorectal; Gastric; Gastroduodenal; Ileum; Intestine, small; Jejunum; Rectal
Mucus, gastric, effects of cimetidine and carbenoxolone, **636**
——glycoprotein production *in vitro* by colonic tissue from patients with ulcerative colitis, **229**
MUENCH, R, and AMMAN, R: Raised serum concentrations of pancreatic enzymes in smokers (*Letter*), **550**
MUGHAL, M M, and IRVING, M H: Treatment of end stage chronic intestinal pseudoobstruction by subtotal enterectomy and home parenteral nutrition (*Case reports*), **1613**
MÜLLER, D. *See* ELL, C, LUX, G, *et al.*
MÜLLER, H G. *See* MASSARRAT, S, MÜLLER, H G, *et al.*
MÜLLER, M K, DEGENHARDT, H, KLÖPPEL, G, GOEBELL, H, BERGMANN, K, and LÖHR, M: Prevention of toxic effects of cyclosporin on pancreatic B-cells of rats by Rioprostil, a new prostaglandin analogue, **1524**
MUNCK, L K, MERTZ-NIELSEN, A, WESTH, H, BUKHAVE, K, BEUBLER, E, and RASK-MADSEN, J: Prostaglandin E_2 is a mediator of 5-hydroxytryptamine induced water and electrolyte secretion in the human jejunum, **1337**
MURPHY, C. *See* PARR, N J, MURPHY, C, *et al.*
MURRAY, F E, GUBEN, J, BIRKETT, D H, and CAVE, D R: Dilatation of 'impossible' malignant oesophageal strictures using angiographic techniques (*Letter*), **555**
——, LOMBARD, M, DERVAN, P, FITZGERALD, R J, and CROWE, J: Bleeding from multifocal heterotopic gastric mucosa in the colon controlled by an H_2 antagonist (*Case report*), **848**
MURRAY, W R, LAFERLA, G, and FULLARTON, G M: Choledocholithiasis – *in vivo* stone dissolution using methyl tertiary butyl ether, **143**; (*Letter*, by Murray), **873**
——. *See also* FULLARTON, G M, ALLAN, A, *et al.*
Musculoskeletal disorders, acute, indomethacin induced duodenal mucosal damage in, effect of cimetidine, **1578**
MUZEAU, F. *See* JARRY, A, CERF-BENSUSSAN, N, *et al.*
Mycobacteria and Crohn's disease (*Leading article*), **1017**
——in Crohn's disease tissue, investigation by Southern blotting and DNA hybridisation with cloned mycobacterial genomic DNA probes, **1222**
Myopathy, mitochondrial, chronic intestinal pseudoobstruction and ophthalmoplegia in patient with (*Case report*), **544**

NACCARATO, R. *See* DE LAZZARI, F, MIRAKIAN, R, *et al.*
NAEIM, F. *See* COLLINS, J F, STRICKLAND, R G, *et al.*
NAKAMURA, S, KINO, I, and BARA, S: Cell kinetics analysis of background colonic mucosa of patients with intestinal neoplasms by *ex vivo* autoradiography, **997**
NANDA, R. *See* ANAND, B S, NANDA, R, *et al.*
NELSON, A M. *See* COLEBUNDERS, R, LUSAKUMUNI, K, *et al.*
NENNA, A D. *See* NORES, J M, DALAYEUN, J F, *et al.*
Neodymium YAG laser photocoagulation, interstitial, low power, in normal and neoplastic rat colon, **27**
Neoplasia, colonic, suspected, open access colonoscopy for, **1322**
——, endocrine, multiple, type I, familial, G cell function in, **1358**
Neoplasms, intestinal, background colonic mucosa of patients with, cell kinetics analysis by *ex vivo* autoradiography, **997**
NEOPTOLEMOS, J P: Choledocholithiasis (*Letter*), **873**
——. *See also* DAVIDSON, B R, NEOPTOLEMOS, J P, *et al.*
NEUMANN, J. *See* MERKI, H S, WITZEL, L, *et al.*
Neurofibromatosis and small bowel adenocarcinoma, association between (*Letter*), **134**
——, von Recklinghausen's, small intestinal adenocarcinoma, and duodenal carcinoid tumour (*Letter*), **553**, **557** (*Addendum*)
Neuropathy of pelvic floor in diabetes mellitus and idiopathic faecal incontinence, comparative study, **756**
Neurophysiological assessment of pelvic floor (*Leading article*), **1**
——dysfunction in young women with intractable constipation, **963**
Neutrophil and eosinophil involvement of small bowel affected by chronic alcoholism, **1656**
Neutrophils, decreased oxidative metabolism and low superoxide dismutase content in Crohn's disease and ulcerative colitis, **223**
——, human, stimulated by bradykinin and A23187, source of endogenous arachidonate and 5-lipoxygenase products in, **319**
NEWELL, D G. *See* BASKERVILLE, A, and NEWELL, D G
NEWELL, S J, SARKAR, P K, DURBIN, G M, BOOTH, I W, and MCNEISH, A S: Maturation of the lower oesophageal sphincter in the preterm baby, **167**
News, **136, 264, 416, 559, 700, 880, 1016, 1296, 1428, 1620**
NICHOLLS, R J. *See* SWASH, M, GRAY, A, *et al.*
NICOLAS, J P. *See* GUÉANT, J L, GÉRARD, A, *et al.*
NIELSEN, O H, BUKHAVE, K, AHNFELT-RØNNE, I, and RASK-MADSEN, J: Source of endogenous arachidonate and 5-lipoxygenase products in human neutrophils stimulated by bradykinin and A23187, **319**
NILSSON, L O. *See* ÖJERSKOG, B, ANDERSSON, H, *et al.*
Nitrates. *See* Isosorbide-5-mononitrate
Nitrogen losses from small bowel, obligatory losses and effect of physical form of food, **809**
Nitroglycerin and vasopressin, intravenous, in portal hypertension, haemodynamic response to, **372**
Nizatidine 150 mg or 300 mg, ranitidine 300 mg, or placebo at 21 00 h, 24 hour intragastric acidity and plasma gastrin concentration in healthy volunteers taking, **1364**
NOCERINO, A. *See* GUANDALINI, S, FASANO, A, *et al.*
NOLAN, N P M, and O'BRIAIN, D S: An epidemic of pseudomembraneous colitis or simply a nosocomial case clustering? (*Letter*), **695**
NORDGREN, S. *See* ÅKERVALL, S, FASTH, S, *et al.*
NORES, J M, DALAYEUN, J F, REMY, J M, and NENNA, A D: Gastric carcinoid tumour and parathyroid adenoma (*Case report*), **689**
NORRIS, T L. *See* WATSON, A, JENKINSON, L R, *et al.*
NORTHFIELD, T C. *See* MATTHEWSON, K, BARTON, T, *et al.*
——. *See* MATTHEWSON, K, PUGH, S, *et al.*
Nutrition. *See also* Parenteral nutrition
Nutritional support and bowel rest in management of Crohn's disease, trial of, **1309**

OBERHOLZER, V G. *See* STEVENS, C R, OBERHOLZER, V G, *et al.*
Obesity, morbid, jejunoileal bypass for, rectal hyperplasia after, **1544**
O'BRIAIN, D S. *See* NOLAN, N P M, and O'BRIAIN, D S
O'BRIEN, J D, THOMPSON, D G, MCINTYRE, A S, BURNHAM, W R, and WALKER, E: Effect of codeine and loperamide on upper intestinal transit and absorption in normal subjects and patients with postvagotomy diarrhoea, **312**

O'BYRNE, P: Lymphokine activated killer cell activity in patients with GI cancer (*Letter*), **693**

O'CONNOR, J. *See* IRVINE, E J, O'CONNOR, J, *et al.*

Oddi, sphincter of. *See* Sphincter of Oddi

O'DONNELL, L D J, and HEATON, K W: Recurrence and re-recurrence of gall stones after medical dissolution: a longterm follow up, **655**

O'DONOGHUE, D P. *See* MCCORMICK, P A, FEIGHERY, C, *et al.*

Oesophageal duplication, communicating, in 2 patients (*Case report*), **254**

——sphincter, lower, incompetence in patients with symptomatic gastrooesophageal reflux, mechanisms of, **1020**

——, ——, maturation in preterm baby, **167**

——, ——, mechanism of, function of, measurement of yield pressure at cardia during endoscopy provides information on?, **275**

——, ——, pharmacological constriction of, for arrest of variceal haemorrhage, **1098**

——, ——, pressure in, decrease in reflux patients restored by cisapride, **631**

——varices. *See* Varices, oesophageal

Oesophagitis, erosive, healing of, oesophageal function before, during, and after, **157**

——, reflux, and oesophageal transit, evidence for primary oesophageal motor disorder from, **448**; (*Letter*), **1426**

——, ——, severe, cisapride and cimetidine combined therapy in (*Clinical trial*), **675**

——, ——, ulcerative, treatment with colloidal bismuth subcitrate combined with cimetidine (*Clinical trial*), **385**

Oesophagus, acid perfusion during oesophageal manometry in patients with non-cardiac chest pain, comparison with intravenous edrophonium, **1029**

——, body of, and cricopharyngeal sphincter, functional relationships in response to graded intraluminal distension, **161**

——, clearance responses to intraluminal acid, studies in normal subjects, **881**

——, function, before, during, and after healing of erosive oesophagitis, **157**

——, motility, effect of stress in normal subjects and in irritable bowel syndrome, **1591**

——, pH monitoring, ambulatory, reproducibility of, **886**

——, ————, continuous, electrodes for (*Letters*), **412, 413**

——, spasm, diffuse, and achalasia, family occurrence of (*Case reports*), **1595**

——, stricture of, benign, dilatation of, balloon or bougie for? (*Clinical trial*), **1741**

——, ————, ——, in Barrett's columnar epithelialised oesophagus and responsiveness to conservative management, **1721**

——, ——, malignant, 'impossible', dilatation using angiographic techniques (*Letters*), **555, 556**

——, transit, and reflux oesophagitis, evidence for primary oesophageal motor disorder from, **448**; (*Letter*), **1426**

——, wall biomechanics, changes after portal vein banding and variceal sclerotherapy measured by new technique, study in rabbits, **1699**

O'FARRELLY, C. *See* MCCORMICK, P A, FEIGHERY, C, *et al.*

OFFERHAUS, G J A, TERSMETTE, A C, HUIBREGTSE, K, VAN DE STADT, J, TERSMETTE, K W F, STIJNEN, T, HOEDEMAEKER, P J, VANDENBROUCKE, J P, and TYTGAT, G N J: Mortality due to stomach cancer after remote partial gastrectomy for benign conditions: 40 years of follow up of an Amsterdam cohort of 2633 postgastrectomy patients, **1588**

OGATA, I. *See* FUJIWARA, K, OGATA, I, *et al.*

O'GRADY, J G, and WILLIAMS, R: Present position of liver transplantation and its impact on hepatological practice (*Leading article*), **566**

OHMAN, M. *See* JANSEN, J B M J, LUNDBORG, P, *et al.*

OHTA, Y. *See* FUJIWARA, K, OGATA, I, *et al.*

ÖJERSKOG, B, ANDERSSON, H, BOSAEUS, I, BREVINGE, H, and NILSSON, L O: Total body water and total body potassium in ileostomy patients before and after conversion to the continent ileostomy, **1198**

OKA, Y. *See* FUJIWARA, K, OGATA, I, *et al.*

OLAISON, G, LEANDERSSON, P, SJÖDAHL, R, and TAGESSON, C: Intestinal permeability to polyethyleneglycol 600 in Crohn's disease: peroperative determination in a defined segment of the small intestine, **196**

Olsalazine and gastrointestinal transit in ulcerative colitis (*Letters*), **695, 696**

——for maintenance treatment of ulcerative colitis, comparison with sulphasalazine (*Clinical trial*), **835**

——treatment, longterm, in ulcerative and Crohn's colitis, pharmacokinetics, tolerance and effects on local eicosanoid formation, **974**

OLSEN, J H. *See* LAURITSEN, K, RUNE, S J, *et al.*

Omeprazole and cimetidine, effect on prepyloric gastric ulcer (*Clinical trial*), **249**

——, single and repeated intravenous doses, effect on pentagastrin stimulated gastric acid secretion and pharmacokinetics, **75**

——'weekend therapy', effect on basal and stimulated acid secretion and fasting plasma gastrin in duodenal ulcer, **1715**

O'MORÁIN, C. *See* HUMPHREYS H, BOURKE, S, *et al.*

Oncogenes and gastrointestinal cancer (*Leading article*), **417**

Ophthalmoplegia and chronic intestinal pseudoobstruction in patient with mitochondrial myopathy (*Case report*), **544**

Opioid peptides, endogenous, blood borne, impaired hepatic inactivation of, ascites caused by?, **1167**

ÖRESLAND, T. *See* ÅKERVALL, S, FASTH, S, *et al.*

Ornithine decarboxylase inhibition, failure to alter small intestinal epithelial repair after transient segmental ischaemia, **935**

Osmoreceptor stimulation, effects on duodenal motor activity, **173**

O'SULLIVAN, J P. *See* MATTHEWSON, K, BARTON, T, *et al.*

OTA, S, RAZANDI, M, SEKHON, S, KRAUSE, W J, TERANO, A, HIRAISHI, H, and IVEY, K J: Salicylate effects on a monolayer culture of gastric mucous cells from adult rats, **1705**

OTAMIRI, T, LINDAHL, M, and TAGESSON, C: Phospholipase A_2 inhibition prevents mucosal damage associated with small intestinal ischaemia in rats, **489**

Oxygen derived free radical scavengers and ranitidine in haemorrhagic shock induced gastric lesions, **826**

————radicals, evidence for role in pathogenesis of caerulein induced acute pancreatitis in rats, **1516**

————————, role in platelet activating factor induced bowel necrosis, **1207**

PAASIVUO, R. *See* HÄKKINEN, I, PAASIVUO, R, *et al.*

PABA, serum measurement as reliable and accurate pancreatic exocrine function test, **1736**

Pain, abdominal, functional, psychiatric illness and life events preceding, **235**

——, chest, non-cardiac, oesophageal manometry in patients with, comparison of intravenous edrophonium and oesophageal acid perfusion during, **1029**

——, peptic ulcer patients presenting with, comparison with patients presenting with bleeding, **70**

Pancreas, exocrine function, serum PABA measurement as reliable and accurate test for, **1736**

——, functions, effect of calcitonin and calcitonin gene-related peptide, **243**

——, human, cytosolic retinoic acid binding protein in, **1093**

Pancreatectomy, total, for chronic pancreatitis, **358**

Pancreatic B cells of rats, toxic effects of cyclosporin on, prevention by prostaglandin analogue (Rioprostil), **1524**

——ductal mucinous hyperplasia, distribution within pancreas and effect of variation in ampullary and pancreatic duct anatomy, **1392**

——enzymes, serum concentrations, raised, in cigarette smokers (*Letter*), **550**

Pancreaticoduodenal secretions and genesis of gastric stump carcinoma in rat, **830**

Pancreatitis, acute, fatal, **782**

——, ——, induced by caerulein in rats, attenuation by allopurinol, **926**
——, ——, —— —— —— —— ——, pathogenesis of, evidence for role of oxygen derived free radicals in, **1516**
——, ——, pathogenesis of (*Progress report*), **1413**
——, chronic, total pancreatectomy for, **358**
——, frequency in fulminant hepatic failure, shown by isoenzyme markers, **778**
PANTOSTI, A. *See* GUANDALINI, S, FASANO, A, *et al.*
PAPP, J. *See* TULASSAY, Z, and PAPP, J
Para-aminobenzoic acid. *See* PABA
Paracetamol hepatotoxicity, glutathione deficiency in alcoholics as risk factor for, **1153**
Parathyroid adenoma and gastric carcinoid tumour (*Case report*), **689**
PARENTE, F. *See* BIANCHI PORRO, G, PARENTE, F, *et al.*
Parenteral nutrition, home, and subtotal enterectomy in treatment of end stage chronic intestinal pseudoobstruction (*Case reports*), **1613**
—— ——, total, as primary treatment in Crohn's disease, reassessment of (*Leading article*), **1304**
PARK, R H R, MCKILLOP, J H, DUNCAN, A, MACKENZIE, J F, and RUSSELL, R I: Can ^{111}indium autologous mixed leucocyte scanning accurately assess disease extent and activity in Crohn's disease?, **821**
PARR, N J, GRIME, S, CRITCHLEY, M, BAXTER, J N, and MACKIE, C R: Mechanisms governing the biphasic pattern of gastric emptying after truncal vagotomy and pyloroplasty, **1253**
——, MURPHY, C, HOLT, S, ZAKHOUR, H, and CROSBIE, R B: Endometriosis and the gut (*Case reports*), **1112**
PARROTT, D M V. *See* MOWAT, A MCI, FELSTEIN, M V, *et al.*
PARTANEN, P. *See* HÄKKINEN, I, PAASIVUO, R, *et al.*
PATEL, G. *See* HUDDY, S P J, PATEL, G, *et al.*
PATEL, P B. *See* BOOTH, I W, PATEL, P B, *et al.*
PATIL, D H. *See* GRIMBLE, G K, PATIL, D H, *et al.*
PAUMGARTNER, G. *See* KLEBER, G, SAUERBRUCH, T, *et al.*
PAYNE-JAMES, J J, and SILK, D B A: Total parenteral nutrition as primary treatment in Crohn's disease – RIP? (*Leading article*), **1304**
PAZZI, P, PUTINATI, S, BAGNI, B, GOVONI, M, and TROTTA, F: Bile acid malabsorption in progressive systemic sclerosis (*Letter*), **552**
PEARSON, R C, and MCCLOY, R F: Effects of meal temperature on intraluminal upper gastrointestinal temperature and motility (*Letter*), **1292**
Peliosis hepatis induced by 6-thioguanine administration (*Case report*), **1265**
PELLETIER, G. *See* CADRANEL, J F, CADRANEL, J, *et al.*
PELLI, M A. *See* BASSOTTI, G, GABURRI, M, *et al.*
Pelvic floor neuropathy in diabetes mellitus and idiopathic faecal incontinence, comparative study, **756**
—— ——, neurophysiological assessment of (*Leading article*), **1**
—— irradiation, synchronous small and large bowel cancer developing after (*Case report*), **126**
PEÑA, A S. *See* VERSPAGET, H W, PEÑA, A S, *et al.*
PENAGINI, R, MISIEWICZ, J J, and FROST, P G: Effect of jejunal infusion of bile acids on small bowel transit and fasting jejunal motility in man, **789**
Pepstatin, semi-synthetic amphipathic analogues of, in prevention of acute gastric lesions in rat, **1569**
Peptic disease, *Campylobacter pylori* in, effects of colloidal bismuth subcitrate and cimetidine, trial of, **279**
—— ulcer and essential fatty acids (*Letter*), **134**
—— —— and phenylketonuria, possible link between? (*Case reports*), **691**
—— ——, comparison of patients presenting with bleeding and with pain, **70**
Peptides, regulatory, intramural distribution in sigmoid-recto-anal region of human gut, **762**
PERDUE, M H. *See* RAMAGE, J K, HUNT, R H, *et al.*
PERO, R W. *See* MARKOWITZ, M M, ROZEN, P, *et al.*
PESSAYRE, D. *See* LARREY, D, FRÉNEAUX, E, *et al.*
PETERS, T J. *See* BANERJEE, A K, and PETERS, T J
——. *See* PREEDY, V R, DUANE, P, *et al.*
PETTENAZZO, A. *See* GUANDALINI, S, FASANO, A, *et al.*
PFLIEGER, H. *See* ROCHETTE-EGLY, C, LACROIX, B, *et al.*
Phenylketonuria and peptic ulceration, possible link between? (*Case reports*), **691**
PHILLIPS, A D. *See* STEVENS, C R, OBERHOLZER, V G, *et al.*
PHILLIPS, S F, QUIGLEY, E M M, KUMAR, D, and KAMATH, P S: Motility of the ileocolonic junction (*Progress report*), **390**
——. *See also* GOLLOP, J H, PHILLIPS, S F, *et al.*
——. *See also* KAMATH, P S, and PHILLIPS, S F
——. *See also* KELLOW, J E, PHILLIPS, S F, *et al.*
Phospholipase A2 activity (*Letter*), **693**
—— —— inhibition in prevention of mucosal damage associated with small intestinal ischaemia in rats, **489**
Photocoagulation with NdYAG laser, interstitial, low power, in normal and neoplastic rat colon, **27**
PIOT, P. *See* COLEBUNDERS, R, LUSAKUMUNI, K, *et al.*
PISCOPO, R. *See* BORTOLOTTI, F, CALZIA, R, *et al.*
PISI, E. *See* FUSCONI, M, GHADIMINEJAD, I, *et al.*
PIXLEY, F, and MANN, J: Dietary factors in the aetiology of gall stones: a case control study, **1511**
Plasma cholesterol, fall induced by malabsorption, in relation to risk of gall stone formation, **108**
—— —— precursors, raised, after gut resection or jejunoileal bypass, **188**
—— gastrin concentration and intragastric acidity, 24 hour, in healthy volunteers taking nizatidine 150 mg or 300 mg, ranitidine 300 mg, or placebo at 21 00 h, **1364**
—— ——, fasting, and basal and stimulated acid secretion in duodenal ulcer, effect of 'weekend therapy' with omeprazole, **1715**
Platelet activating factor, bowel necrosis induced by, role of oxygen derived free radicals in, **1207**
Pneumatosis, cystic, in coeliac disease (*Case report*), **852**
POINTNER, R, SCHWAB, G, KÖNIGSTRAINER, A, BODNER, E, and SCHMID, K W: Early cancer of the gastric remnant, **298**
Poisoning? – or case of Crohn's disease? (*Letter*), **1152**
POLAK, J M. *See* FERRI, G-L, ADRIAN, T E, *et al.*
POLLAK, D. *See* STALNIKOWICZ, R, POLLAK, D, *et al.*
Polydipsia, primary, and autoimmune chronic active hepatitis associated with pituitary diabetes insipidus, case of (*Letter*), **1755**
——, ——, non-psychogenic, in autoimmune chronic active hepatitis with severe hyperglobulinaemia (*Case report*), **548**
Polyethyleneglycol 600, small intestinal permeability in Crohn's disease to, peroperative determination in defined segment, **196**
Polymer coating, effect on faecal recovery of ingested 5-amino salicylic acid in ulcerative colitis (*Letter*), **413**
Polyposis, adenomatous, familial, DNA aneuploidy and cell proliferation in, **603**
Polyps, adenomatous, and colon cancer, association with high acetate and low butyrate ratios, and short chain fatty acid distribution in enema samples from sigmoidoscopy population, **1539**
POPE, C E, II. *See* SOFFER, E E, SCALABRINI, P, *et al.*
Portal hypertension, intravenous vasopressin and nitroglycerin in, haemodynamic response to, **372**
—— ——, non-cirrhotic, with hypoxaemia (*Case report*), **129**; (*Letter*), **876**
—— ——, recurrent bleeding from cutaneous venous collaterals in, (*Case reports*), **1279**
—— vein banding and variceal sclerotherapy, changes in oesophageal wall biomechanics measured by new technique after, study in rabbits, **1699**
—— —— thrombosis with ruptured oesophageal varices as presenting manifestation of hereditary protein C deficiency (*Case report*), **856**
—— venous obstruction, extrahepatic (*Letters*), **554, 555**
Potassium, body, total, and total body water in ileostomy patients before and after conversion to continent ileostomy, **1198**

POTET, F. *See* JARRY, A, CERF-BENSUSSAN, N, *et al.*

POULTER, L W. *See* ALLISON, M C, CORNWALL, S, *et al.*

POUNDER, R E. *See* ALLISON, M C, CORNWALL, S, *et al.*

——. *See* LANZON-MILLER, S, POUNDER, R E, *et al.*

POWER, B. *See* HUMPHREYS, H, BOURKE, S, *et al.*

PREEDY, V R, DUANE, P, and PETERS, T J: Acute ethanol dosage reduces the synthesis of smooth muscle contractile proteins in the small intestine of the rat, **1244**

PRIMERANO, L. *See* HABIB, F I, CORAZZIARI, E, *et al.*

PRIOR, R. *See* GYDE, S N, PRIOR, P, *et al.*

Proctitis, prevalence of sexually transmitted disease among male patients presenting with, comparison with male homosexuals at genito-urinary clinic, **332**

Proctocolectomy, restorative, for ulcerative colitis (*Leading article*), **561**

Prostaglandin analogues. *See* Rioprostil

——E_2 as mediator of 5-hydroxytryptamine induced water and electrolyte secretion in human jejunum, **1337**

————, increased gastric mucosal concentrations in carcinoid syndrome, hypertrophic gastritis associated with (*Case report*), **1270**

————. *See also* 16,16-Dimethyl-prostaglandin-E_2

Prostaglandins, mediation by, evidence of, in colonic motility changes induced by sennosides in dogs, **1180**

——, metabolism, local, role in stimulation of amphibian gastroduodenal bicarbonate secretion by sucralfate and aluminium, **903**

Protein C deficiency, hereditary, portal vein thrombosis with ruptured oesophageal varices as presenting manifestation of (*Case report*), **856**

——kinases, differential distribution along crypt-to-lumen regions of rat colonic epithelium, **1213**

PROUSE, P. *See* MOOTS, R J, PROUSE, P, *et al.*

PRYDE, A. *See* DE CAESTECKER, J S, PRYDE, A, *et al.*

Pseudomembraneous colitis, epidemic of – or nosocomial case clustering? (*Letters*), **694, 695**

Psychiatric illness and life events preceding functional abdominal pain, **235**

Psychological factors in irritable bowel syndrome (*Letters*), **411**

Pudendal nerve stimulator, disposable, evaluation of standard instrument and new device, **1131**

PUGH, S. *See* MATTHEWSON, K, PUGH, S, *et al.*

PULLMAN, W. *See* GIBSON, P R, VAN DE POL, E, *et al.*

PURSEY, C. *See* ROKKAS, T, PURSEY, C, *et al.*

PUTINATI, S. *See* PAZZI, P, PUTINATI, S, *et al.*

PYE, G. *See* EVANS, D F, PYE, G, *et al.*

Pylorus, motility, stimulation by intraduodenal dextrose in normal subjects, **1349**

QUIGLEY, E M M, MILLS, P R, WATKINSON, G, MACSWEEN, R N M, and DUDLEY, F J: Primary polydipsia and autoimmune chronic active hepatitis (*Letter*), **1755**

——. *See also* PHILLIPS, S F, QUIGLEY, E M M, *et al.*

QUINN, T C. *See* COLEBUNDERS, R, LUSAKUMUNI, K, *et al.*

QUIRKE, P, DIXON, M F, DAY, D W, FOZARD, J B J, TALBOT, I C, and BIRD, C C: DNA aneuploidy and cell proliferation in familial adenomatous polyposis, **603**

RACHMILEWITZ, D. *See* STALNIKOWICZ, R, POLLAK, D, *et al.*

RADHA, V. *See* DAS, U N, REDDY, D N, *et al.*

RAGAZZINI, M. *See* BALDI, F, FERRARINI, F, *et al.*

RAJWANSHI, A. *See* KOCHHAR, R, RAJWANSHI, A, *et al.*

RAMAGE, J K, HUNT, R H, and PERDUE, M H: Changes in intestinal permeability and epithelial differentiation during inflammation in the rat, **57**: (*Letter*, by Perdue), **1016**

RAMAKRISHNA, B.S, and MATHAN, V I: Absorption of water and sodium and activity of adenosine triphosphatases in the rectal mucosa in tropical sprue, **665**

RAMBAUD, J C, JIAN, R, FLOURIÉ, B, HAUTEFEUILLE, M, SALMERON, M, THUILLIER, F, RUSKONÉ, A FLORENT, C, CHAOUI, F, and BERNIER, J-J: Pathophysiological study of diarrhoea in a patient with medullary thyroid carcinoma: evidence against a secretory mechanism and for the role of shortened colonic transit time (*Case report*), **537**

——. *See also* COLOMBEL, J F, HÄLLGREN, R, *et al.*

RAMBOER, C H R. *See* VERHAMME, M A M, and RAMBOER, C H R

Ranitidine and oxygen derived free radical scavengers in haemorrhagic shock induced gastric lesions, **826**

——, cimetidine, famotidine, and placebo, effects on intragastric acidity, comparison in 30 normal volunteers, **81**

——control of bleeding from multifocal heterotopic gastric mucosa in colon (*Case report*), **848**

——maintenance treatment of duodenal ulcer, alteration of H_2 receptor sensitivity after, **890**

——300 mg, nizatidine 150 mg or 300 mg, or placebo at 21 00 h, 24 hour intragastric acidity and plasma gastrin concentration in healthy volunteers taking, **1364**

RAO, P N. *See* DAS, U N, REDDY, D N, *et al.*

RAO, S S C, HOLDSWORTH, C D, and READ, N W: Symptoms and stool patterns in patients with ulcerative colitis, **342**

——, READ, N W, STOBART, J A H, HAYNES, W G, BENJAMIN, S, and HOLDSWORTH, C D: Anorectal contractility under basal conditions and during rectal infusion of saline in ulcerative colitis, **769**

——. *See also* HOLDSWORTH, C D, RAO, S S C, *et al.*

RASK-MADSEN, J. *See* LAURITSEN, K, LAURSEN, L S, *et al.*

——. *See* LAURITSEN, K, RUNE, S J, *et al.*

——. *See* MUNCK, L K, MERTZ-NIELSEN, A, *et al.*

——. *See* NIELSEN, O H, BUKHAVE, K, *et al.*

——. *See* TVEDE, M, TRAUTNER, F, *et al.*

RATAN, M L, ANAND, R, MITTAL, S K, and TANEJA, S: Communicating oesophageal duplication: a report of two cases (*Case reports*), **254**

RAUL, F, GOSSE, F, DOFFOEL, M, DARMENTON, P, and WESSELY, J Y: Age related increase of brush border enzyme activities along the small intestine, **1557**

RAYMOND, F. *See* LANZON-MILLER, S, POUNDER, R E, *et al.*

RAZANDI, M. *See* OTA, S, RAZANDI, M, *et al.*

READ, N W. *See* BANNISTER, J J, LAWRENCE, W T, *et al.*

——. *See* BAXTER, A J, MANGNALL, Y F, *et al.*

——. *See* HOLDSWORTH, C D, RAO, S S C, *et al.*

——. *See* RAO, S S C, HOLDSWORTH, C D, *et al.*

——. *See* RAO, S S C, READ, N W, *et al.*

——. *See* SUN, W M, HOUGHTON, L A, *et al.*

——. *See* WELCH, I MCL, SEPPLE, C P, *et al.*

REALDI, G. *See* BORTOLOTTI, F, CALZIA, R, *et al.*

Rectal bleeding, double contrast barium enema plus flexible sigmoidoscopy *v* colonoscopy in, prospective comparison, **1188**

——hyperplasia after jejunoileal bypass for morbid obesity, **1544**

——mucosa, intraepithelial lymphocytes in coeliac sprue, **200**

————, water and sodium absorption and adenosine triphosphatase activity in tropical sprue, **665**

Rectum, carcinoma of, surgery for, motor pattern of left colon before and after, with implications in other disorders, **624**

REDDIHOUGH, A H: Staffing and administration of endoscopy (*Letter*), **557**

REDDY, D N. *See* DAS, U N, REDDY, D N, *et al.*

REES, W D W. *See* CRAMPTON, J R, GIBBONS, L C, *et al.*

Reflux, gastrooesophageal, decreased lower oesophageal pressure in patients with, cisapride restoration of, **631**

——, ——, symptomatic, lower oesophageal sphincter incompetence in patients with, mechanisms of, **1020**

——oesophagitis and oesophageal transit, evidence for primary oesophageal motor disorder from, **448**; (*Letter*), **1426**

————, severe, cisapride and cimetidine combined therapy in (*Clinical trial*), **675**

————, ulcerative, treatment with colloidal bismuth subcitrate combined with cimetidine (*Clinical trial*), **385**

REHRER, N J. *See* BECKERS, E J, REHRER, N J, *et al.*

Rehydration therapy, oral, efficacy of, effect of bicarbonate in experimental model of secretory diarrhoea, **1052**

REICHEL, W. *See* GALMICHE, J P, BRANDSTÄTTER, G, *et al.*

REIHNÉR, E. *See* SAHLIN, S, DANIELSSON, Å, *et al.*

REMY, J M. *See* NORES, J M, DALAYEUN, J F, *et al.*

RENNER, I G. *See* WISNER, J R, GREEN, D, *et al.*

——. *See* WISNER, J R, and RENNER, I G

Retinoic acid binding protein, cytosolic, in human pancreas, **1093**

RHODES, J. *See* MOTLEY, R J, CRAWLEY, E O, *et al.*

——. *See* ROSE, J D R, ROBERTS, G M, *et al.*

RILEY, J E. *See* BATT, R M, MCLEAN, L, *et al.*

RILEY, S A, MANI, V, GOODMAN, M J, HERD, M E, DUTT, S, and TURNBERG, L A: Comparison of delayed release 5 aminosalicylic acid (mesalazine) and sulphasalazine in the treatment of mild to moderate ulcerative colitis relapse (*Clinical trial*), **669**

Rioprostil prevention of toxic effects of cyclosporin on pancreatic B cells of rats, **1524**

RITCHIE, J K. *See* LENNARD-JONES, J E, RITCHIE, J K, *et al.*

RIVERS, R P A. *See* BISSET, W M, WATT, J B, *et al.*

ROBERTS, C J C. *See* ENE, M D, CLAMP, J R, *et al.*

ROBERTS, G M. *See* ROSE, J D R, ROBERTS, G M, *et al.*

ROBERTSON, C S. *See* ATKINSON, M, and ROBERTSON, C S

ROBINSON, D P. *See* TANNER, A R, and ROBINSON, D P

ROBINSON, P. *See* HOSKING, S W, DOSS, W, *et al.*

ROBINSON, P H, CLARKE, M, and BARRETT, J: Determinants of delayed gastric emptying in anorexia nervosa and bulimia nervosa, **458**

ROCA, B, FERNANDEZ-VALENCIA, R, and ARILLA, E: Effects of fasting and refeeding on somatostatin concentration and binding to cytosol from rabbit gastric mucosa, **642**

ROCHETTE-EGLY, C, LACROIX, B, PFLIEGER, H, DOFFOEL, M, KEDINGER, M, and HAFFEN, K: Calmodulin in normal and cystic fibrosis human intestine at different developmental stages, **571**

RÖDER, A. *See* AUER, I O, GROSCH, L, *et al.*

RODRIGUES, C. *See* CHAO, L P, STEELE, J, *et al.*

ROELOFS, J M M. *See* AKKERMANS, L M A, VOS, A, *et al.*

ROELS, H. *See* CUVELIER, C, MIELANTS, H, *et al.*

ROGERS, J, HENRY M M, and MISIEWICZ, J J: Combined sensory and motor deficit in primary neuropathic faecal incontinence, **5**

——, ——, ——: Disposable pudendal nerve stimulator: evaluation of the standard instrument and new device, **1131**

——, LEVY, D M, HENRY, M M, and MISIEWICZ, J J: Pelvic floor neuropathy: a comparative study of diabetes mellitus and idiopathic faecal incontinence, **756**

ROGNUM, T O. *See* BRANDTZAEG, P, SOLLID, L M, *et al.*

RÖHMEL, J. *See* MERKI, H S, FIMMEL, C J, *et al.*

——. *See* MERKI, H S, WITZEL, L, *et al.*

RÖHSS, K. *See* JANSEN, J B M J, LUNDBORG, P, *et al.*

ROKKAS, T, PURSEY, C, UZOECHINA, E, DORRINGTON, L, SIMMONS, N A, FILIPE, M I, and SLADEN, G E: Non-ulcer dyspepsia and short term De-Nol therapy; a placebo controlled trial with particular reference to the role of *Campylobacter pylori*, **1386**

ROOK, G A W. *See* CHAO, L P, STEELE, J, *et al.*

ROSE, J D R, ROBERTS, G M, WILLIAMS, G, MAYBERRY, J F, and RHODES, J: Cardiff's Crohn's disease jubilee: the incidence over 50 years, **346**

ROSENBERG, I H. *See* GREENBERG, G R, FLEMING, C R, *et al.*

ROSSI, L. *See* BASSOTTI, G, GABURRI, M, *et al.*

ROSSI, R. *See* CORAZZA, G R, STROCCHI, A, *et al.*

ROTTER, J I. *See* LAMERS, C B H W, ROTTER, J I, *et al.*

ROYLE, G T. *See* TATE, J J T, and ROYLE, G T

ROZEN, P. *See* MARKOWITZ, M M, ROZEN, P, *et al.*

RUBALTELLI, F F. *See* GUANDALINI, S, FASANO, A, *et al.*

RUBINO, A. *See* GUANDALINI, S, FASANO, A, *et al.*

RUEFF, B. *See* VALLA, D, DENNINGER, M-H, *et al.*

RUGGE, M. *See* BORTOLOTTI, F, CALZIA, R, *et al.*

RUNE, S J. *See* LAURITSEN, K, RUNE, S J, *et al.*

RUSKONÉ, A. *See* RAMBAUD, J C, JIAN, R, *et al.*

RUSSELL, R C G. *See* LINEHAN, I P, LAMBERT, M A, *et al.*

RUSSELL, R I. *See* BARDHAN, K D, HUNTER, J O, *et al.*

——. *See* DANESH, B J Z, DUNCAN, A, *et al.*

——. *See* PARK, R H R, MCKILLOP, J H, *et al.*

RUSZNIEWSKI, P, GIRARD, F, BENAMOUZIG, R, MIGNON, M, and BONFILS, S: Long acting somatostatin treatment of paraneoplastic Cushing's syndrome in a case of Zollinger-Ellison syndrome (*Case report*), **838**

SACHAR, D B. *See* GREENSTEIN, A J, LACHMAN, P, *et al.*

SACHDEV, G K. *See* ANAND, B S, NANDA, R, *et al.*

SACKIER, J M, SMITH, E J, and WOOD, C B: Cystic pneumatosis in coeliac disease (*Case report*), **852**

SADEK, S A. *See* ERIKSEN, C A, SADEK, S A, *et al.*

SALAUN, J-J. *See* COLEBUNDERS, R, LUSAKUMUNI, K, *et al.*

SALES, D. *See* GREENBERG, G R, FLEMING, C R, *et al.*

Salicylate, effects on monolayer culture of gastric mucous cells from adult rats, **1705**

SALMERON, M. *See* RAMBAUD, J C, JIAN, R, *et al.*

Salt and water transport in jejunum, effect of moderate exercise, **816**

——, dietary, intake of, gastric ulcer, and epidemiological studies (*Letters*), **407, 409**

Sarcoidosis, altered gastrointestinal immune response in, **1628**

SARIN, S K, CHARI, S, SUNDARAM, K R, AHUJA, R K, ANAND, B S, and BROOR, S L: Young *v* adult cirrhotics: a prospective, comparative analysis of the clinical profile, natural course and survival, **101**

SARIS, W H M. *See* BECKERS, E J, REHRER, N J, *et al.*

SARKAR, P K. *See* NEWELL, S J, SARKAR, P K, *et al.*

SARROS, C J. *See* TSIMOYIANNIS, E C, SARROS, C J, *et al.*

SASTRY, S. *See* SMART, P J, SASTRY, S, *et al.*

SATO, Y. *See* FUJIWARA, K, OGATA, I, *et al.*

SAUERBRUCH, T. *See* KLEBER, G, SAUERBRUCH, T, *et al.*

SAVAGE, A P, SIAN, M S, MATTHEWS, J L, BLOOM, S R, and COOKE, T: Experimental colonic carcinogenesis: changes in faecal bile acids after promotion of intestinal tumours by small bowel resection in the rat, **495**

SCALABRINI, P. *See* SOFFER, E E, SCALABRINI, P, *et al.*

SCHALM, S W. *See* VAN BUUREN, H R, FICK, T E, *et al.*

SCHEURLE, E. *See* MERKI, H S, WITZEL, L, *et al.*

SCHIESSEL, R. *See* STARLINGER, M, and SCHIESSEL, R

——. *See* VATTAY, P, FEIL, W, *et al.*

Schistosoma mansoni infection, duodenal involvement in (*Case report*), **1011**

SCHLICHTING, P. *See* LAURITSEN, K, RUNE, S J, *et al.*

SCHMID, K W. *See* POINTNER, R, SCHWAB, G, *et al.*

SCHMITZ-MOORMANN, P. *See* MASSARRAT, S, MÜLLER, H G, *et al.*

SCHULZ, T B. *See* CONTRACTOR, Q Q, BENSON, L, *et al.*

SCHÜTZE, K. *See* GALMICHE, J P, BRANDSTÄTTER, G, *et al.*

SCHWAB, G. *See* POINTNER, R, SCHWAB, G, *et al.*

SCHWARTZ, B, FRASER, G M, LEVY, J, SHARONI, Y, GUBERMAN, R, KRAWIEC, J, and LAMPRECHT, S A: Differential distribution of protein kinases along the crypt-to-lumen regions of rat colonic epithelium, **1213**

Sclerosis, systemic, progressive, bile acid malabsorption in (*Letter*), **552**

Sclerotherapy, variceal, and portal vein banding, changes in oesophageal wall biomechanics measured by new technique after, study in rabbits, **1699**

SCOTT, H. *See* BRANDTZAEG, P, SOLLID, L M, *et al.*

SEGAL, I, WALKER, A R P, LORD, S, and CUMMINGS, J H: Breath methane and large bowel cancer risk in contrasting African populations, **608**

SEKHON, S. *See* OTA, S, RAZANDI, M, *et al.*

Sennosides, colonic motility changes induced in dogs by, evidence of prostaglandin mediation in, **1180**

Sensory and motor deficit, combined, in primary neuropathic faecal incontinence, **5**

SEPPLE, C P. *See* WELCH, I MCL, SEPPLE, CP, *et al.*

Serum anti-gluten antibodies and jejunal morphology, effect of low gluten diet in treatment of adult coeliac disease, **1564**

——PABA measurement as reliable and accurate pancreatic exocrine function test, **1736**

——pancreatic enzyme concentrations, raised, in cigarette smokers (*Letter*), **550**

SEWELL, R B. *See* HEWSON, E G, YEOMANS, N D, *et al.*

Sexually transmitted disease, prevalence among male patients presenting with proctitis, comparison with male homosexuals at genito-urinary clinic, **332**

SHANSON, D C. *See* CONNOLLY, G M, DRYDEN, M S, *et al.*

SHARONI, Y. *See* SCHWARTZ, B, FRASER, G M, *et al.*
SHEARMAN, D J C. *See* CUMMINS, A G, STEELE, T W, *et al.*
SHIELDS, R. *See* JENKINS, S A, and SHIELDS, R
Shigellosis, persistent (*Case report*), **1277**
SHLIEN, R D, MEYERS, S, LEE, J A, DISCHE, R, and JANOWITZ, H D: Fulminant herpes simplex hepatitis in a patient with ulcerative colitis (*Case report*), **257**
SHORVON, P. *See* IRVINE, E J, O'CONNOR, J, *et al.*
SHULKES, A. *See* HEWSON, E G, YEOMANS, N D, *et al.*
SIAN, M S. *See* SAVAGE, A P, SIAN, M S, *et al.*
SIEGEL, J A, URBAIN, J-L, ADLER, L P, CHARKES, N D, MAURER, A H, KREVSKY, B, KNIGHT, L C, FISHER, R S, and MALMUD, L S: Biphasic nature of gastric emptying, **85**
Sigmoid colon motility in diverticular disease and irritable bowel syndrome, **218**; (*Letters*), **1290**
Sigmoid-recto-anal region of human gut, intramural distribution of regulatory peptides in, **762**
SILK, D B A. *See* GRIMBLE, G K, PATIL, D H, *et al.*
——. *See* PAYNE-JAMES, J J, and SILK, D B A
——. *See* SPILLER, R C, LOVELL, D, *et al.*
——. *See* SPILLER, R C, TROTMAN, I F, *et al.*
SILLETTI, C. *See* JONES, D B, HOWDEN, C W, *et al.*
SIMMONS, N A. *See* ROKKAS, T, PURSEY, C, *et al.*
SIPPONEN, P. *See* SIURALA, M, SIPPONEN, P, *et al.*
SIROLA, D. *See* CORAZZA, G R, STROCCHI, A, *et al.*
SIURALA, M, SIPPONEN, P, and KEKKI, M: *Campylobacter pylori* in a sample of Finnish population: relations to morphology and functions of the gastric mucosa, **909**
SJÖDAHL, R. *See* OLAISON, G, LEANDERSSON, P, *et al.*
SKOVBJERG, H. *See* LAURITSEN, K, RUNE, S J, *et al.*
SLADEN, G E. *See* ROKKAS, T, PURSEY, C, *et al.*
SMALLWOOD, R A. *See* HEWSON, E G, YEOMANS, N D, *et al.*
SMART, P J, SASTRY, S, and WELLS, S: Primary mucinous adenocarcinoma developing in an ileostomy stoma (*Case report*), **1607**
SMITH, A. *See* BANNISTER, J J, LAWRENCE, W T, *et al.*
SMITH, A N. *See* VARMA, J S, and SMITH, A N
SMITH, E J. *See* SACKIER, J M, SMITH, E J, *et al.*
SMITH, P G. *See* FELLOWS, I W, STEWART, M, *et al.*
SMITH, P M, and HARVEY, J S: Psychological factors in the irritable bowel syndrome (*Letter*), **411**
Smokers, cigarette, raised serum pancreatic enzyme concentrations in (*Letter*), **550**
Smoking and inflammatory bowel disease, case control study, **352**
——and sugar intake as separate but interactive risk factors in Crohn's disease, **1202**
——, influence on ulcerative colitis and Crohn's disease in unselected population of monozygotic and dizygotic twins, **990**
Smooth muscle contractile protein synthesis in small intestine of rat reduced by acute ethanol dosage, **1244**
SOBNACK, R. *See* KAMM, M A, LENNARD-JONES, J E, *et al.*
Sodium and water absorption and adenosine triphosphatase activity in rectal mucosa in tropical sprue, **665**
Sodium cromoglycate, oral, near fatal eosinophilic gastroenteritis responding to (*Case report*), **1282**
SOFFER, E E, SCALABRINI, P, POPE, C E, II, and WINGATE, D L: Effect of stress on oesophageal motor function in normal subjects and in patients with the irritable bowel syndrome, **1591**
SOIMERO, L. *See* FERRI, G-L, ADRIAN, T E, *et al.*
SOLLID, L M. *See* BRANDTZAEG, P, SOLLID, L M, *et al.*
Somatostatin concentration and binding to cytosol from rabbit gastric mucosa, effects of fasting and refeeding, **642**
——, long acting, in treatment of paraneoplastic Cushing's syndrome in Zollinger-Ellison syndrome (*Case report*), **838**
——, oesophageal variceal pressure in liver cirrhotics not reduced by, **153**; (*Letters*), **1289**
SOMERS, S. *See* IRVINE, E J, O'CONNOR, J, *et al.*
SONNENBERG, A: Dietary salt intake and epidemiological studies (*Letter*), **409**
SONTAG, S. *See* BARDHAN, K D, HUNTER, J O, *et al.*
Sorbitol malabsorption in normal volunteers and coeliac disease patients, **44**
SØRENSEN, T I A, ANDERSEN, B, HYLANDER, E, JENSEN, L I, LAURSEN, K, KLEIN, H C, and DANISH OBESITY PROJECT: Prospective study of malabsorption induced risk of gall stone formation in relation to fall in plasma cholesterol, **108**
SOULE, J C. *See* GALMICHE, J P, BRANDSTÄTTER, G, *et al.*
SPENCE, D S. *See* MCGOURAN, R C M, GALLOWAY, J M, *et al.*
SPENCER, J. *See* MACDONALD, T T, WEINEL, A, *et al.*
SPERANZA, V. *See* HABIB, F I, CORAZZIARI, E, *et al.*
SPETH, P A J. *See* HOPMAN, W P M, HOUBEN, P G M P, *et al.*
Sphincter, anal, internal, in neurogenic faecal incontinence, ultrastructural changes in, **1692**
——, cricopharyngeal, and oesophageal body, functional relationships in response to graded intraluminal distension, **161**
——, oesophageal, lower, incompetence in patients with symptomatic gastrooesophageal reflux, mechanisms of, **1020**
——, ——, ——, maturation in preterm baby, **167**
——, ——, ——, mechanism of, function of, measurement of yield pressure at cardia during endoscopy provides information on?, **275**
——, ——, ——, pharmacological constriction of, for arrest of variceal haemorrhage, **1098**
——, ——, ——, pressure in, decrease in reflux patients restored by cisapride, **631**
——of Oddi dysfunction, quantitative ^{99m}Tc-DISIDA scanning and endoscopic biliary manometry in, **1397**
—— —— ——, effect of morphine, **1402**
—— —— ——, length of, manometric measurement of, **121**
Sphincterotomy, endoscopic, for common bile duct stones, antibiotic prophylaxis for (*Letters*), **874, 875**
——, ——, —— —— —— —— ——, in patients with gall bladder *in situ* unfit for surgery, **114**; (*Letters*), **1295**
SPILIADIS, C. *See* CHAO, L P, STEELE, J, *et al.*
SPILLER, R C, LOVELL, D, and SILK, D B A: Adult acquired cytomegalovirus infection with gastric and duodenal ulceration (*Case report*), **1109**
——, TROTMAN, I F, ADRIAN, T E, BLOOM, S R, MISIEWICZ, J J, and SILK, D B A: Further characterisation of the 'ileal brake' reflex in man – effect of ileal infusion of partial digests of fat, protein, and starch on jejunal motility and release of neurotensin, enteroglucagon, and peptide YY, **1042**
Spinal trabecular bone loss, increased rate in inflammatory bowel disease, **1332**
SPRINGHORN, J. *See* GREENSTEIN, A J, LACHMAN, P, *et al.*
Sprue, coeliac, rectal mucosal intraepithelial lymphocytes in, **200**
——, tropical, water and sodium absorption and adenosine triphosphatase activity in rectal mucosa in, **665**
Squamous gastric carcinoma, perforated, metachronous to laryngeal carcinoma, metastatic in origin? (*Case report*), **534**
STADLER, J, STERN, H S, YEUNG, K S, MCGUIRE, V, FURRER, R, MARCON, N, and BRUCE, W R: Effect of high fat consumption on cell proliferation activity of colorectal mucosa and on soluble faecal bile acids, **1326**
STÅHLBERG, M-R, HIETANEN, E, and MÄKI, M: Mucosal biotransformation rates in the small intestine of children, **1058**
STALNIKOWICZ, R, POLLAK, D, ELIAKIM, A, WENGROWER, D, FICH, A, GOLDIN, E, LIGUMSKY, M, and RACHMILEWITZ, D: Cimetidine decreases indomethacin induced duodenal mucosal damage in patients with acute musculoskeletal disorders, **1578**
STANFORD, J L. *See* CHAO, L P, STEELE, J, *et al.*
STARLINGER, M, and SCHIESSEL, R: Bicarbonate (HCO_3) delivery to the gastroduodenal mucosa by the blood: its importance for mucosal integrity (*Progress report*), **647**
——. *See also* VATTAY, P, FEIL, W, *et al.*
STAUMONT, G, FIORAMONTI, J, FREXINOS, J, and BUENO, L: Changes in colonic motility induced by sennosides in dods: evidence of a prostaglandin mediation, **1180**
Steatorrhoea in cystic fibrosis, monitoring of, markers for faecal fat estimation in, **1286**

——, mixed endocrine adrenal tumour causing (*Letter*), **875**
STEELE, J. *See* CHAO, L P, STEELE, J, *et al.*
STEELE, T W. *See* CUMMINS, A G, STEELE, T W, *et al.*
STELLON, A J, WEBB, A, and COMPSTON, J E: Bone histomorphometry and structure in corticosteroid treated chronic active hepatitis, **378**
STERN, H S. *See* STADLER, J, STERN, H S, *et al.*
STEVENS, A. *See* GYDE, S N, PRIOR, P, *et al.*
STEVENS, C R, OBERHOLZER, V G, WALKER-SMITH, J A, and PHILLIPS, A D: Lactosylceramide in inflammatory bowel disease: a biochemical study, **580**
STEVENSON, G W. *See* IRVINE, E J, O'CONNOR, J, *et al.*
STEWART, M. *See* FELLOWS, I W, STEWART, M, *et al.*
STIJNEN, T. *See* OFFERHAUS, G J A, TERSMETTE, A C, *et al.*
STOBART, J A H. *See* RAO, S S C, READ, N W, *et al.*
Stones. *See* Calculi
Stool patterns and symptoms in ulcerative colitis, **342**
STÖVER, C. *See* JANSEN, J B M J, LUNDBORG, P, *et al.*
Stress, effect on oesophageal motor function in normal subjects and in irritable bowel syndrome, **1591**
STRICKLAND, R G. *See* COLLINS, J F, STRICKLAND, R G, *et al.*
STROCCHI, A. *See* CORAZZA, G R, STROCCHI, A, *et al.*
Sucralfate and aluminium stimulation of amphibian gastroduodenal bicarbonate secretion and role of local prostaglandin metabolism, **903**
——, mucosal protective action of, effect of intragastric pH, **1379**
Sugar intake and smoking as separate but interactive risk factors in Crohn's disease, **1202**
SULE, D. *See* BOOTH, I W, PATEL, P B, *et al.*
Sulphasalazine for maintenance treatment of ulcerative colitis, comparison with olsalazine (*Clinical trial*), **835**
——in treatment of mild to moderate ulcerative colitis relapse, comparison with delayed release 5 aminosalicylic acid (mesalazine) (*Clinical trial*), **669**
——, study of colonic eicosanoid concentrations as predictors of relapse in ulcerative colitis patients previously maintained on, **1316**
SUMMERFIELD, J A: Biliary obstruction is best managed by endoscopists (*Leading article*), **741**
SUN, W M, HOUGHTON, L A, READ, N W, GRUNDY, D G, and JOHNSON, A G: Effect of meal temperature on gastric emptying of liquids in man, **302**; (*Letter* by Houghton and Sun), **1293**
SUNDARAM, K R. *See* SARIN, S K, CHARI, S, *et al.*
SUTTON, A. *See* COLOMBEL, J F, SUTTON, A, *et al.*
SUTTON, D. *See* ERIKSEN, C A, SADEK, S A, *et al.*
SUTTON, D R. *See* COX, J G C, WINTER, R K, *et al.*
SWASH, M, GRAY, A, LUBOWSKI, D Z, and NICHOLLS, R J: Ultrastructural changes in internal anal sphincter in neurogenic faecal incontinence, **1692**
SWEENEY, E C. *See* HUMPHREYS, H, BOURKE, S, *et al.*

TAGE-JENSEN, U. *See* LAURITSEN, K, RUNE, S J, *et al.*
TAGESSON, C. *See* OLAISON, G, LEANDERSSON, P, *et al.*
——. *See* OTAMIRI, T, LINDAHL, M, *et al.*
TALBOT, I C. *See* DAVIDSON, B R, NEOPTOLEMOS, J P, *et al.*
——. *See* QUIRKE, P, DIXON, M F, *et al.*
TANEJA, S. *See* RATAN, M L, ANAND, R, *et al.*
TANNER, A R, and ROBINSON, D P: Pancreatic function testing: serum PABA measurement is a reliable and accurate measurement of exocrine function, **1736**
TATE, J J T, and ROYLE, G T: Open access colonoscopy for suspected colonic neoplasia, **1322**
TAYLOR, C J, BAXTER, P S, HARDCASTLE, J, and HARDCASTLE, P T: Failure to induce secretion in jejunal biopsies from children with cystic fibrosis, **957**
TAYLOR, P R. *See* MASON, R C, TAYLOR, P R, *et al.*
TENHORR, F. *See* BECKERS, E J, REHRER, N J, *et al.*
TERANO, A. *See* OTA, S, RAZANDI, M, *et al.*
TERSMETTE, A C. *See* OFFERHAUS, G J A, TERSMETTE, A C, *et al.*
TERSMETTE, K W F. *See* OFFERHAUS, G J A, TERSMETTE, A C, *et al.*
6-Thioguaine administration, peliosis hepatis induced by (*Case report*), **1265**
THOMAS, D G. *See* BANNISTER, J J, LAWRENCE, W T, *et al.*
THOMAS, D W: Faecal alpha-1-antitrypsin in chronic inflammatory bowel disease (*Letter*), **262**
THOMAS, J STJ. *See* BOYD, E J S, HULKS, G, *et al.*
THOMPSON, D G, ANDREOLLO, N A, MCINTYRE, A S, and EARLAM, R J: Studies of the oesophageal clearance responses to intraluminal acid, **881**
——, and WINGATE, D L: Effects of osmoreceptor stimulation on human duodenal motor activity, **173**
——. *See also* ANDREOLLO, N A, THOMPSON, D G, *et al.*
——. *See also* KAMM, M A, LENNARD-JONES, J E, *et al.*
——. *See also* O'BRIEN, J D, THOMPSON, D G, *et al.*
THOMPSON, M H. *See* KENNEDY, R H, and THOMPSON, M H
THOMPSON, W G: Sigmoid motility recording (*Letter*), **1290**
THOMSON, A B R. *See* BARDHAN, K D, HUNTER, J O, *et al.*
THORNTON, J R, DEAN, H, and LOSOWSKY, M S: Is ascites caused by impaired hepatic inactivation of blood borne endogenous opioid peptides?, **1167**
THRANE, P S. *See* BRANDTZAEG, P, SOLLID, L M, *et al.*
Thrombosis of portal vein with ruptured oesophageal varices as presenting manifestation of hereditary protein C deficiency (*Case report*), **856**
THUILLIER, F. *See* RAMBAUD, J C, JIAN, R, *et al.*
Thyroid carcinoma, medullary, diarrhoea in patient with, pathophysiological study with evidence against secretory mechanism and for role of shortened colinic transit time (*Case report*), **537**
TILVIS, R S. *See* FÄRKKILÄ, M A, TILVIS, R S, *et al.*
TOBI, M. *See* MARKOWITZ, M M, ROZEN, P, *et al.*
TOBIN, M V, and MORRIS, A I: Non-psychogenic primary polydipsia in autoimmune chronic active hepatitis with severe hyperglobulinaemia (*Case report*), **548**
TOGHILL, P J. *See* FELLOWS, I W, STEWART, M, *et al.*
Tomography, potential, applied, as new non-invasive gastric secretion test, evaluation of, **1730**
TOOULI J. *See* DENT, J, HOLLOWAY, R H, *et al.*
——. *See* HELM, J F, VENU, R P, *et al.*
TORSOLI, A. *See* HABIB, F I, CORAZZIARI, E, *et al.*
Transpapillary iridium-192 wire in treatment of malignant bile duct obstruction, **149**
Transplantation of liver. *See* Liver transplantation
TRAUTNER, F. *See* TVEDE, M, TRAUTNER, F, *et al.*
TREJDOSIEWICZ, L K. *See* BADR-EL-DIN, S, TREJDOSIEWICZ, L K, *et al.*
TREMAINE, W J. *See* GREENBERG, G R, FLEMING, C R, *et al.*
Trials, clinical, summaries of papers reporting results of (*Editorial announcement*), **273**
TRIGER, D R: Extrahepatic portal venous obstruction (*Letter*), **555**
Tripotassium dicitrato bismuthate. *See* De-Nol
TROTMAN, I F, and MISIEWICZ, J J: Sigmoid motility in diverticular disease and the irritable bowel syndrome, **218**; (*Letter*), **1290**
——. *See also* SPILLER, R C, TROTMAN, I F, *et al.*
TROTTA, F. *See* PAZZI, P, PUTINATI, S, *et al.*
TRUELOVE, S C. *See* GYDE, S N, PRIOR, P, *et al.*
TSIMOYIANNIS, E C, SARROS, C J, TSIMOYIANNIS, J C, MOUTESIDOU, K, AKALESTOS, G, and KOTOULAS, O B: Ranitidine and oxygen derived free radical scavengers in haemorrhagic shock induced gastric lesions, **826**
TSIMOYIANNIS, J C. *See* TSIMOYIANNIS, E C, SARROS, C J, *et al.*
Tuberculous stricture, response to antituberculous treatment in, **62**
TULASSAY, Z, and PAPP, J: Endoscopic sphincterotomy for common bile duct calculi (*Letter*), **1295**
Tumour, adrenal, endocrine, mixed, causing steatorrhoea (*Letter*), **875**
——, carcinoid, duodenal, small intestinal adenocarcinoma, and von Recklinghausen's neurofibromatosis (*Letter*), **553**, **557** (*Addendum*)
——, ——, gastric, and parathyroid adenoma (*Case report*), **689**
Tumours, colorectal, screening with improved faecal occult blood test, quantitative aspects, **1194**

TURNBERG, L A. *See* BARCLAY, G R, and TURNBERG, L A

. *See* RILEY, S A, MANI, V, *et al.*

TVEDE, M, TRAUTNER, F, and RASK-MADSEN, J: An epidemic of pseydomembraneous colitis or simply a nosocomial case clustering? (*Letter*), **694**

Twins, monozygotic and dizygotic, ulcerative colitis and Crohn's disease in unselected population of, heritability and influence of smoking, **990**

TYSK, C, LINDBERG, E, JÄRNEROT, G, and FLODÉRUS-MYRHED, B: Ulcerative colitis and Crohn's disease in an unselected population of monozygotic and dizygotic twins: a study of heritability and the influence of smoking, **990**

——. *See also* LINDBRG, E, TYSK, C, *et al.*

TYTGAT, G N J. *See* OFFERHAUS, G J A, TERSMETTE, A C, *et al.*

Ulcer healing drugs, changes in gastric alkaline secretion due to (*Letter*), **696**

—— —— ——, influence on ulcer relapse after discontinuation of acute treatment, pooled estimate of clinical trials, **181**

——. *See also under* Duodenum; Gastric; Peptic

Ultrasound or computed tomography for initial investigation of biliary obstruction (*Letter*), **1618**

——, role in bile duct obstruction (*Letter*), **1426**

URBAIN, J-L. *See* SIEGEL, J A, URBAIN, J-L, *et al.*

Urological abnormalities in young women with severe constipation, **17**

Ursodeoxycholic acid and chenodeoxycholic acid treatment, influence on mucin in gall bladder bile of gall stone patients, **1506**

—— —— menthol preparation in gall stone dissolution, trial of, **428**

UZOECHINA, E. *See* ROKKAS, R, PURSEY, C, *et al.*

Vagotomy, diarrhoea after, upper intestinal transit and absorption in, effects of codeine and loperamide, **312**

——, truncal, and pyloroplasty, gastric emptying after, mechanisms governing biphasic pattern of, **1253**

VALLA, D, DENNINGER, M-H, DELVIGNE, J-M, RUEFF, B, and BENHAMOU, J-P: Portal vein thrombosis with ruptured oesophageal varices as presenting manifestation of hereditary protein C deficiency (*Case report*), **856**

——. *See also* LARREY, D, FRÉNEAUX, E, *et al.*

VALLAPERTA, P. *See* DOBRILLA, G, VALLAPERTA, P, *et al.*

VAN BUUREN, H R, FICK, T E, and SCHALM, S W: Recurrent bleeding from cutaneous venous collaterals in portal hypertension (*Case reports*), **1282**

VANDENBROUCKE, J P. *See* OFFERHAUS, G J A, TERSMETTE, A C, *et al.*

VANDENPLAS, Y: Continuous oesophageal pH-monitoring (*Letter*), **412**

VAN DE POL, E. *See* GIBSON, P R, VAN DE POL, E, *et al.*

VANDERHOOF, J A, GRANDJEAN, C J, BAYLOR, J M, BAILY, J, and EULER, A R: Morphological and functional effects of 16,16-dimethyl-prostaglandin-E_2 on mucosal adaptation after massive distal small bowel resection in the rat, **802**

VAN DE STADT, J. *See* OFFERHAUS, G J A, TERSMETTE, A C, *et al.*

VAN MARCK, E. *See* COLEBUNDERS, R, LUSAKUMUNI, K, *et al.*

VAN THIEL, D. *See* BARDHAN, K D, HUNTER, J O, *et al.*

VANTRAPPEN, G. *See* CECCATELLI, P, JANSSENS, J, *et al.*

Variceal haemorrhage, arrest by pharmacological constriction of lower oesophageal sphincter, **1098**

—— sclerotherapy and portal vein banding, changes in oesophageal wall biomechanics measured by new technique after, study in rabbits, **1699**

Varices, oesophageal, pressure in liver cirrhotics, not reduced by somatostatin, **153**; (*Letters*), **1289**

——, ——, ruptured, portal vein thrombosis with, as presenting manifestation of hereditary protein C deficiency (*Case report*), **856**

VARMA, J S, and SMITH, A N: Neurophysiological dysfunction in young women with intractable constipation, **963**

Vasopressin and nitroglycerin, intravenous, in portal hypertension, haemodynamic response to, **372**

VATTAY, P, FEIL, W, KLIMESCH, S, WENZL, E, STARLINGER, M, and SCHIESSEL, R: Acid stimulated alkaline secretion in the rabbit duodenum is passive and correlates with mucosal damage, **284**

VEGNENTE, A. *See* BORTOLOTTI, F, CALZIA, R, *et al.*

VELEZ, M E. *See* LAUTERBURG, B H, and VELEZ, M E

VENGE, P. *See* COLOMBEL, J F, HÄLLGREN, R, *et al.*

VENTURI, C. *See* DE LAZZARI, F, MIRAKIAN, R, *et al.*

VENU, R P. *See* HELM, J F, VENU, R P, *et al.*

VERGA, M C. *See* GUANDALINI, S, FASANO, A, *et al.*

VERHAMME, M A M, and RAMBOER, C H R: Anisakiasis caused by herring in vinegar: a little known medical problem (*Case reports*), **843**

VESPAGET, H W, PEÑA, A S, WETERMAN, I T, and LAMERS, C B H W: Diminished neutrophil function in Crohn's disease and ulcerative colitis identified by decreased oxidative metabolism and low superoxide dismutase content, **223**

——, ——, ——, ——: Disordered regulation of the *in vitro* immunoglobulin synthesis by intestinal mononuclear cells in Crohn's disease, **503**

VEYS, E. *See* CUVELIER, C, MIELANTS, H, *et al.*

VISCARDI, A. *See* HABIB, F I, CORAZZIARI, E, *et al.*

VITAUX, J. *See* GALMICHE, J P, BRANDSTÄTTER, G, *et al.*

VOGELSANG, H, FERENCI, P, FROTZ, S, MERYN, S, and GANGL, A: Acidic colonic microclimate – possible reason for false negative hydrogen breath tests, **21**; (*Letter* by Vogelsang), **874**

Von Recklinghausen's neurofibromatosis, small intestinal adenocarcinoma, and duodenal carcinoid tumour (*Letter*), **553, 557** (*Addendum*)

VOS, A. *See* AKKERMANS, L M A, VOS, A, *et al.*

WALKER, A R P. *See* SEGAL, I, WALKER, A R P, *et al.*

WALKER, E. *See* O'BRIEN, J D, THOMPSON, D G, *et al.*

WALKER-SMITH, J A. *See* ELLIOTT, E J, WATSON, A J M, *et al.*

——. *See* STEVENS, C R, OBERHOLZER, V G, *et al.*

WALLEZ, L. *See* HAOT, J, HAMICHI, L, *et al.*

WALT, R P. *See* COX, J, DANESHMEND, T K, *et al.*

. *See* MERKI, H S, FIMMEL, C J, *et al.*

——. *See* MERKI, H S, WITZEL, L, *et al.*

WALTERS, M P. *See* GILBERT, J, KELLEHER, J, *et al.*

WANITSCHKE, R. *See* GOERG, K J, WANITSCHKE, R, *et al.*

WARD, K. *See* MCCORMICK, P A, FEIGHERY, C, *et al.*

WARD, P. *See* JENNINGS, M, WARD, P, *et al.*

WARNES, T W. *See* BABBS, C, WARNES, T W, *et al.*

WARZECHA, Z. *See* KONTUREK, S J, DEMBINSKI, A, *et al.*

Water and electrolyte absorption, small intestinal, inhibition by unconjugated bilirubin and bile from Gunn rats undergoing phototherapy, **366**

—— —— —— secretion in human jejunum induced by 5-hydroxytryptamine, prostaglandin E_2 as mediator of, **1337**

—— and salt transport in jejunum, effect of moderate exercise, **816**

—— and sodium absorption and adenosine triphosphatase activity in rectal mucosa in tropical sprue, **665**

——, body, total, and total body potassium in ileostomy patients before and after conversion to continent ileostomy, **1198**

WATERFALL, W E. *See* HUIZINGA, J D, and WATERFALL, W E

WATKIN, D. *See* DAVIDSON, B R, NEOPTOLEMOS, J P, *et al.*

WATKINSON, G. *See* QUIGLEY, E M M, MILLS, P R, *et al.*

WATSON, A, JENKINSON, L R, and NORRIS, T L: Reflux oesophagitis and oesophageal transit (*Letter*), **1426**

WATSON, A J M. *See* ELLIOTT, E J, WATSON, A J M, *et al.*

WATT, J B. *See* BISSET, W M, WATT, J B, *et al.*

WEAVER, G A, KRAUSE, J A, MILLER, T L, and WOLIN, M J: Short chain fatty acid distribution of enema samples from a sigmoidoscopy population: an association of high acetate and low butyrate ratios with adenomatous polyps and colon cancer, **1539**

WEBB, A. *See* STELLON, A J, WEBB, A, *et al.*

WEINEL, A. *See* MACDONALD, T T, WEINEL, A, *et al.*

WEIR, D G. *See* MCCORMICK, P A, FEIGHERY, C, *et al.*

WELCH, I MCL, SEPPLE, C P, and READ, N W: Comparisons of the effects on satiety and eating behaviour of infusion of lipid into the different regions of the small intestine, **306**

WELLS, S. *See* SMART, P J, SASTRY, S, *et al.*
WENGROWER, D. *See* STALNIKOWICZ, R, POLLAK, D, *et al.*
WENZL, E. *See* VATTAY, P, FEIL, W, *et al.*
WESSELY, J Y. *See* RAUL, F, GOSSE, F, *et al.*
WESTABY, D, GIMSON, A, HAYES, P C, and WILLIAMS, R: Haemodynamic response to intravenous vasopressin and nitroglycerin in portal hypertension, **372**
——. *See also* HAYES, P C, WESTABY, D, *et al.*
WESTH, H. *See* MUNCK, L K, MERTZ-NIELSEN, A, *et al.*
WETERMAN, I T. *See* VERSPAGET, H W, PEÑA, A S, *et al.*
WHALEN, G F, HUIZINGA, W K J, and MARSZALEK, A: Perforation of gastric squamous carcinoma metachronous to laryngeal carcinoma: metastatic in origin? (*Case report*), **534**
WHEELER, E E. *See* APPLETON, G V N, WHEELER, E E, *et al.*
WIENBECK, M. *See* FRIELING, T, BERGES, W, *et al.*
WILKES, J M. *See* BALLARD, H J, WILKES, J M, *et al.*
WILLIAMS, E D. *See* WILLIAMS, G T, GRIFFITHS, D F R, *et al.*
WILLIAMS, G. *See* ROSE, J D R, ROBERTS, G M, *et al.*
WILLIAMS, G T, GRIFFITHS, D F R, and WILLIAMS, E D: Small intestinal adenocarcinoma, duodenal carcinoid tumour, and von Recklinghausen's neurofibromatosis (*Letter*), **553**; *Addendum*, **557**
WILLIAMS, R. *See* EDE, R J, MOORE, K P, *et al.*
——. *See* HAYES, P C, WESTABY, D, *et al.*
——. *See* O'GRADY, J G, and WILLIAMS, R
——. *See* WESTABY, D, GIMSON, A, *et al.*
WILLIAMSON, R C N: Acalculous disease of the gall bladder (*Progress report*), **860**
——. *See also* APPLETON, G V N, WHEELER, E E, *et al.*
WILSON, C, IMRIE, C W, and CARTER, D C: Fatal acute pancreatitis, **782**
WINGATE, D L. *See* SOFFER, E E, SCALABRINI, P, *et al.*
——. *See* THOMPSON, D G, and WINGATE, D L
WINTER, R L. *See* COX, J G C, WINTER, R K, *et al.*
WISNER, J R, GREEN, D, FERRELL, L, and RENNER, I G: Evidence for a role of oxygen derived free radicals in the pathogenesis of caerulein induced acute pancreatitis in rats, **1516**
——, and RENNER, I G: Allopurinol attenuates caerulein induced acute pancreatitis in the rat, **926**
WITZEL, L. *See* MERKI, H S, FIMMEL, C J, *et al.*
——. *See* MERKI, H S, WITZEL, L, *et al.*
WOLIN, M J. *See* WEAVER, G A, KRAUSE, J A, *et al.*
WOLLEN, N, and KELLETT, G L: Regulation of glucose homeostasis in rat jejunum by despentapeptide-insulin *in vitro*, **1064**
WOOD, C B. *See* SACKIER, J M, SMITH, E J, *et al.*
WULFF, H R. *See* LAURITSEN, K, RUNE, S J, *et al.*
WYKE, J. *See* ANDREWS, H, WYKE, J, *et al.*
WYKE, R J, EDWARDS, F C, and ALLAN, R N: Employment problems and prospects for patients with inflammatory bowel disease, **1229**; *Erratum*, **1756**

YAMADA, S. *See* FUJIWARA, K, OGATA, I, *et al.*
YEATS, J C. *See* FERRI, G-L, ADRIAN, T E, *et al.*
YEOMANS, N D. *See* HEWSON, E G, YEOMANS, N D, *et al.*
YEUNG, K S. *See* STADLER, J, STERN, H S, *et al.*

ZAKHOUR, H. *See* PARR, N J, MURPHY, C, *et al.*
ZINSMEISTER, A R. *See* GOLLOP, J H, PHILLIPS, S F, *et al.*
——. *See* KELLOW, J E, PHILLIPS, S F, *et al.*
Zollinger-Ellison syndrome, paraneoplastic Cushing's syndrome in, long acting somatostatin treatment of (*Case report*), **838**

Abstracts Index

Abbatoir workers, *Campylobacter pylori* in, **A1437**

Abdominal CT scan at admission and prediction of severity of acute pancreatitis, **A735**

—— migraine as cause of abdominal pain in adults, **A714**

—— pain, chronic, adhesions as cause of, with outcome after laparoscopic adhesiolysis, **A704**

Acid production by isolated guinea pig parietal cells, effect of *Campylobacter pylori*, **A1435**

—— secretion by human gall bladder mucosa *in vitro*, evidence of, **A1435**

Acid/alkaline junction, comparison with manometrically determined lower oesophageal sphincter, **A1450**

Acupuncture, inhibition of response to sham feeding by, **A724**

ADAMS, D H, *et al.*: Soluble interleukin 2 receptors in serum and bile of patients following liver transplantation, **A1432**

Adenocarcinoma, colonic, EGF and TGF α levels in mouse model of, **A1479**

Adenomas, pancreatic, induction by duodenogastric reflux, **A1457**

Adenomatous polyposis, familial, foregut screening in, **A1445**

Adenovirus 12, human, possible role of, and gluten sensitivity, **A716**

—— —— involvement in pathogenesis of coeliac disease, evidence against, **A1469**

ADEYEMI, E O, and HODGSON, H J F: Faecal elastase in inflammatory bowel disease, **A1474**

Age, effect on small bowel adaptation and growth after proximal enterectomy, **A1468**

AIDS, dysphagia in, symptoms, causes and value of investigations and treatment, **A723**

——, endoscopes in, evaluation of new biopsy channel valve, **A701**

Alcohol abuse, carbohydrate deficient (de-sialyated) transferrin as specific test for, **A1495**

——, small bowel motility disturbances induced by, due to preferential loss of smooth-muscle apparatus?, **A1433**

Alcoholic liver disease, portal and parenchymal macrophage populations in, **A720**

—— patients, eicosanoid biosynthesis by peripheral blood leucocytes from, and *in vitro* response of peripheral blood mononuclear cells to alcohol, **A738**

Alkaline phosphatase, acute phase induction in rat hepatocytes in primary culture, **A717**

ALLARDICE, J T, *et al.*: A new light delivery system for the treatment of obstructing gastrointestinal cancer, **A1490**

ALLUM, W, *et al.*: Increasing numbers of gastric cardiac tumours: are aetiological factors changing?, **A1445**

ALMARDINI, H, *et al.*: Plasma levels and brain receptors of gamma amino butyric acid in human hepatic encephalopathy, **A1430**

AMBROSE, N S, *et al.*: Enterovesical fistulae in Crohn's disease, **A709**

Amino acid solutions, efficacy in TPN, affected by glycine content?, **A1469**

γ-Amino butyric acid. *See* GABA

5-Aminosalicylic acid enemas, low dosage, in treatment of distal ulcerative colitis, **A1454**

——, ——, hypochlorite scavenging by, fluorimetric determination of, **A1437**

—— —— in inflammatory bowel disease as scavenger of toxic oxygen metabolites, **A722**

Anal cancer and human papillomavirus, **A1482**

—— pressure, high, in patients with haemorrhoids, role of vascular pressure in, **A1486**

—— sensation differences in continent and incontinent patients with perineal descent, **A733**

—— sphincter repair in Crohn's disease, results of, **A705**

Angelchik anti-reflux prosthesis and Nissen fundoplication, comparison of, **A1448**

—— —— —— ——, 5-year follow up study, **A1448**

Anorectal function, motor and sensory tests of, validation of, repeatability study, **A1456**

—— mechanical and electrical activity, prolonged, in ambulant human subjects, **A734**

—— motility, ambulant, prolonged, in chronic idiopathic constipation, **A1456**

—— varices, prevalence in 100 cirrhotic patients, **A1462**

Antibiotics, potentiation of De-Nol effect in peptic ulcer disease by, **A1439**

Antiepithelial cytotoxic antibodies, complement dependent, in serum in endemic tropical sprue, **A1468**

Antigen presenting activity of mononuclear cells from normal and inflammatory bowel disease mucosa, **A1474**

Anti-α-gliadin antibodies in coeliac disease, pathogenic potential of, **A722**

Anti-inflammatory drugs, non-steroidal. *See* NSAIDs

Antimitochondrial antibodies in primary biliary cirrhosis, both specific peptides and shared epitopes of M2 antigen recognised by, **A1431**

Antiprotease therapy, intraperitoneal, in experimental acute pancreatitis, **A270**

Antiproteases and C-reactive protein, value in objective monitoring of acute pancreatitis, **A269**

α_1-Antitrypsin granules in liver, discrete entity?, **A1429**

Antral motor function, non-invasive assessment by high resolution real-time ultrasound in normal subjects and functional dyspeptic patients, **A1452**

—— size, acid secretion and integrated gastrin response to food, **A1450**

Antrum, gastric, normal, and *C pylori*-associated chronic gastritis, mucosal T-cell subsets in, **A1438**

APACHE II scoring system in assessment and monitoring of acute pancreatitis, **A1456**

APARICIO-PAGÈS, M N, *et al.*: Natural killer cell activity of peripheral blood, mucosa, and tumour infiltrating mononuclear cells in patients with colorectal cancer, **A1485**

Appendicitis, conservative treatment of, **A732**

APPLETON, G V N, and WILLIAMSON, R C N: Adaptation of the defunctioned rectum, **A732**

——, *et al.*: Colonic hyperplasia after jejunoileal bypass for morbid obesity, **A716**

——, *et al.*: Fewer anastomotic tumours in defunctioned colon: a further link between adaptation and carcinogenesis?, **A732**

——, *et al.*: Intraluminal calcium and colonic cancer: possible mechanisms of action, **A704**

ARMITAGE, N C, *et al.*: Influence of tumour cell DNA in colorectal cancer, **A732**

——, *et al.*: Oncogene expression and proliferation in colorectal neoplasia, **A702**

ARMSTRONG, C P: Importance of unsuspected colorectal cancer, **A731**

——, *et al.*: Prognosis in carcinoma of the caecum: the effect of appendicectomy, **A730**

Arthritis, rheumatoid. *See* Rheumatoid arthritis

ARVIND, A S, *et al.*: A one minute endoscopy room test for *Campylobacter pylori*, **A701**

Ascorbic acid levels in gastric juice, first measurement of, **A1477**

Asialoglycoprotein receptor, hepatic, antibodies against, preferential coating of periportal hepatocytes in *in situ* perfused rat liver by, **A1461**

Aspirin, dose dependent protection of gastric mucosa by famotidine against, shown by endoscopy and blood measurement, **A729**

——, gastric mucosal injury induced by, omeprazole abolition of, **A1442**

Atrial natriuretic peptide and sympathetic activity in cirrhosis, **A1429**

ATTWOOD, S, *et al.*: Standardised method of expression of the normal range of oesophageal body peristalsis, **A1471**

Autoimmune enteropathy and idiopathic protracted diarrhoea, colonic inflammation and HLA/DR Ag expression in children with, **A1494**

Azathioprine alone, chronic active hepatitis patients maintained in remission on, longterm follow up, **A726**

—— in resistant ulcerative colitis, **A1474**

BABBS, C, *et al.*: Prognosis and survival in primary biliary cirrhosis: does colchicine help?, **A725**

BALL, C S, and WATSON, A: Acid sensitivity in reflux oesophagitis with and without complications, **A728**
——, *et al.*: Combined pH monitoring for assessment of gastro-oesophageal reflux, **A1449**
——, *et al.*: Reproducibility of 24 hour ambulatory oesophageal pH monitoring, **A723**
BALLANTYNE, K C, *et al.*: Detection of recurrent colorectal cancer by indium-111-791T/36 monoclonal antibody imaging, **A740**
——, *et al.*: Hepatic perfusion index in diagnosis and follow up of metastatic colorectal cancer, **A1484**
Balloon dilatation, place for, in treatment of diffuse oesophageal spasm and related disorders?, **A1446**
BARCLAY, G R, and TURNBERG, L A: Effect of moderate exercise on water and electrolyte absorption from the human jejunum *in vivo*, **A715**
BARDHAN, K D, *et al.*: Treatment of refractory peptic ulcer with omeprazole, **A724**
——, *et al.*: Treatment of ultra refractory duodenal ulcer with omeprazole, **A712**
BARR, H, and KRASNER, N: Does laser therapy for inoperable malignant dysphagia improve the quality of life?, **A740**
——, ——: Is it possible to control bleeding from gastro-oesophageal cancer using endoscopic laser therapy?, **A729**
——, ——: Palliation of colorectal cancer with the Nd:YAG laser: which patients are palliated?, **A1455**
Barrett's oesophagus, clinical spectrum and surveillance of patients in, **A729**
————, screening for colonic cancer in, **A1491**
BARROW, L, and TANNER, M S: The effect of carbon tetrachloride on the copper-laden rat liver, **A1461**
——, ——: Expression of the caeruloplasmin gene in adult and neonatal rat liver, **A1436**
BARTON, J R, and FERGUSON, A: Failure to record and recognise growth retardation in children with inflammatory bowel disease, **A795**
Basolateral membrane enzymes in coeliac disease, **A1436**
BATE, C M, *et al.*: Omeprazole provides faster ulcer healing and symptom relief than cimetidine in the treatment of gastric ulcer, **A1440**
BAXTER, P S, *et al.*: Abnormal jejunal potential difference records in cystic fibrosis, **A1478**
——, *et al.*: Enhanced active glucose absorption by the jejunum in cystic fibrosis, **A1478**
BENINI, L, *et al.*: Near infra-red reflessometry: a simple and accurate method for faecal fat measurement, **A1459**
BEUBLER, E, *et al.*: 5-HT actions on intestinal fluid and electrolyte transport, **A1480**
BEYNON, J, *et al.*: Does blood transfusion affect recurrence in cancer of the colon and rectum?, **A702**
BIANCHI PORRO, G, *et al.*: Combined ranitidine and pirenzepine in the treatment of duodenal ulcer, **A1439**
——, *et al.*: Low dosage 5-ASA enemas in the treatment of distal ulcerative colitis, **A1454**
——, *et al.*: Naproxene *v* etodolac: a controlled endoscopic study in patients with rheumatoid arthritis, **A1443**
Bicarbonate secretion in amphibian and human stomach, effect of enprostil, **A1442**
BIEMOND, I, *et al.*: Effects of intravenous omeprazole on serum pepsinogens, serum gastrin and intragastric pH, **A1440**
BIGARD, M-A, and ISAL, J-P: Complete prevention by omeprazole of aspirin induced gastric lesions in healthy subjects, **A712**
Bile acid challenge, acute, gastrotoxicity of, increased by chronic enterogastric reflux in rat, **A1477**
——acids, cytopathic effects of pepsin on oesophageal mucosal cells modified by?, **A1451**
————, oral administration of, inhbition of postprandial pancreatic enzyme secretion by, **A268**
——diversion, effect on *Campylobacter pylori*, **A713**
——duct calculi, large, laser lithotripsy of, under direct vision via peroral choledochoscopy, **A1496**
————, common, calculi in, endoscopic sphincterotomy for, in patients with intact gall bladders, **A727**
————, ——, ————, retained after endoscopic sphincterotomy, second generation shockwave lithotripsy for, **A721**
————, ——, laser lithotripsy in, optimising wavelengths for, **A1487**
————, ——, obstruction, partial, suspected, efficacy of quantitative hepatobiliary scintigraphy for evaluating patients with, **A1458**
————, endoscopic clearance in patients considered unfit for surgery, late results of, **A1488**
————obstruction, enhanced survival of hepatocyte implants in rats with, **A1463**
——, duodenal, crystal analysis, role in investigation of 'idiopathic' pancreatitis, **A268**
——pH and concentration in oesophagus, **A728**
——salt injury, colonic mucosal restitution *in vitro* after, **A1485**
Biliary cirrhosis, primary, antimitochondrial antibodies in, both specific peptides and shared epitopes of M2 antigen recognised by, **A1431**
————, ——, asymptomatic, symptom development and prognosis in, **A1431**
————, ——, M2 autoantigens in, **A1431**
————, ——, prevalence of, and variceal haemorrhage, **A1463**
————, ——, prognosis and survival in, helped by colchicine?, **A725**
————, ——, pruritus in, diethylaminoethyldextran for, trial of, **A1463**
——colic, suspected, comparison of sodium diclofenac and pethidine in, **A735**
——leakage, postoperative, successful endoscopic management of, **A1490**
——obstruction, malignant, endoscopic stenting for, evaluation in 641 patients, **A1458**
————, ——, ————using combined percutaneous-endoscopic approach in, improved success for, **A1488**
——pruritus, chronic, evening primrose oil in, **A718**
——strictures, inoperable, combined percutaneous endoscopic intubation of, **A736**
————, percutaneous stenting of, wide bore self expanding stainless steel endoprostheses for, **A1459**
————, postoperative, endoscopic management of, **A726**
BINNIE, N R, *et al.*: Use of the dorsal genital nerve pudendoanal reflex for the treatment of neurogenic faecal incontinence, **A734**
Biopsy gun for guided biopsy of impalpable lesions using intraoperative ultrasound, evaluation of, **A1455**
Bismuth subcitrate, colloidal. *See* De-Nol
BJARNASON, I, *et al.*: Elemental diet reduces intestinal inflammation in Crohn's disease, **A1466**
——, *et al.*: Indomethacin induced increased small intestinal permeability: the role of prostaglandins, **A1493**
——, *et al.*: The treatment of NSAID induced small intestinal inflammation, **A1434**
——, *et al.*: Vindaloo and you, **A703**
BLAIR, S D, *et al.*: Peroperative scanning of I^{125} labelled anti-CEA monoclonal antibody to detect the extent of colorectal carcinoma, **A731**
Bleeding peptic ulcer disease, intragastric fibrinolysis and tryptic activity in, **A1443**
————————, outcome of, effect of defined policy for management of, **A1472**
————————, heater probe in, trial of, **A701**
————————patients treated by Nd YAG laser, heater probe or no endoscopic therapy, costing of hospital management of, **A1489**
——varices in elderly, well worth treating, **A1462**
——. *See also* Haemorrhage
Blood flow in liver, measurement with non-invasive radioisotopic technique, **A725**
——transfusion, primary therapy for inflammatory bowel disease?, **A709**
BLOWER, A L, and TAYLOR, T V: Exchange transfusion reduces the

mortality in experimental pancreatitis in the rat, **A270**

——, *et al.*: Bile-salt/lysolecithin induced model of acute necrotising haemorrhagic pancreatitis, **A265**

BOUGHTON-SMITH, N K, and WHITTLE, B J R: Increased synthesis of the inflammatory mediators, PAF-acether and leucotriene B_4 in models of colitis, **A1436**

Bowel function, effect of hysterectomy, **A1482**

—— habit and whole gut transit, effect of menstrual cycle, **A733**

——. *See also* Intestine(s)

Breath hydrogen testing as indicator of small bowel overgrowth after ileoanal pouch formation, **A1467**

BRIND, A M, *et al.*: Alpha-1-antitrypsin granules in the liver – a discrete entity?, **A1429**

British Society of Gastroenterology: 49th Annual Meeting, **A1429**

—— —— —— ——: Spring Meeting, **A701**

BROWN, D C, *et al.*: Outlet obstruction constipation (obstructed defecation) – a failure of the posterior pelvic floor?, **A734**

BURGET, D W, *et al.*: Validation of pH dataloggers for pharmacologic studies, **A1452**

BURKITT, D S, and DONOVAN, I A: Comparison of bursting pressures of human colon and intraluminal pressures reached during colonoscopy, **A727**

——, ——: Postoperative intraluminal pressures in the left and right colon after anterior resection, **A733**

——, *et al.*: Gall bladder function and bile reflux and the effect of cholecystectomy, **A736**

BURROUGHS, A K, *et al.*: Antimitochondrial antibodies in primary biliary cirrhosis recognise both specific peptides and shared epitopes of the M2 antigen, **A1431**

——, *et al.*: Randomised double-blind placebo controlled study of somatostatin for control of variceal bleeding, **A1495**

——, *et al.*: Randomised trial of emergency endoscopic sclerotherapy versus oesophageal staple transection for acute variceal bleeding: final report, **A739**

BUTCHER, P D, *et al.*: *Giardia lamblia* cloned genomic DNA probes: uses in faecal diagnosis and genetic analysis of clinical isolates, **A722**

BUUREN, H R VAN, *et al.*: What determines prognosis after oesophageal variceal bleeding?, **A718**

CA 72-4 compared with CA 19-9 and CEA as tumour marker, **A1445**

CA195 tumour marker, prediction of duration of survival in pancreatic cancer by, **A1457**

Cadmium telluride detector, ambulatory, in monitoring of postprandial reflux of food, **A1451**

Caecum, carcinoma of, prognosis in, effect of appendicectomy, **A730**

Caeruloplasmin gene expression in adult and neonatal rat liver, **A1436**

CARINS, S R, and COTTON, P B: Endoscopic management of postoperative biliary strictures, **A726**

——, *et al.*: Successful endoscopic management of postoperative bile leak, **A1490**

CALAM, J, *et al.*: Peptide histidine methionine increases ileostomy output, **A716**

Calculi, bile duct, large, laser lithotripsy of, under direct vision via peroral choledochoscopy, **A1496**

—— in common bile duct, endoscopic sphincterotomy for, in patients with intact gall bladders, **A727**

—— —— —— —— ——, retained after endoscopic sphincterotomy, second generation shockwave lithotripsy for, **A721**

Campylobacter pylori and history of dyspepsia in healthy blood donors, **A706**

—— —— and serum pepsinogen I in children, **A1460**

—— ——, chronic gastritis associated with, and normal gastric antrum, mucosal T-cell subsets in, **A1438**

—— ——, effect of bile diversion, **A713**

—— ——, —— on acid production by isolated guinea pig parietal cells, **A1435**

—— ——, gastritis associated with, detected by serology in children with non-specific abdominal pain?, **A1475**

—— —— —— in children, common cause of symptoms?, **A707**

—— —— ——, serum antibody titres before and after therapy in, **A709**

—— —— in abbatoir workers, **A1437**

—— ——, one minute endoscopy room test for, **A701**

—— ——, role in relapse rates of duodenal ulcer and effect of ranitidine and tripotassium dicitrato bismuth, **A711**

—— —— survival after high dose De-Nol therapy, **A1437**

—— —— urease, ammonia electrode for quantification of, not inhibited by bismuth subsalicylate, **A710**

Campylobacter pylori-positive and -negative non-ulcer dyspepsia, symptomatology in, **A1473**

Campylobacter-like organisms, dysmotility-type non-ulcer dyspepsia negatively associated with, **A1437**

Candida albicans killing activity of Crohn's disease neutrophils, **A1465**

Candidiasis diagnosis in fulminant hepatic failure, importance of IgA antibody to candida in, **A717**

CANN, P A, and KERRIGAN, D D: Is routine sedation appropriate for upper gastrointestinal endoscopy?, **A1488**

CANTRILL, E, *et al.*: Down-regulation of the hepatic steroid 16α hydroxylase, cyctochrome P-450 *UT-A* in male rats with portal bypass, **A1462**

Carbon tetrachloride, effect on copper-laden rat liver, **A1461**

Carbopol and prostaglandin E2 protection against gastric mucosal injury in human model, **A1442**

Carcinogenesis, colonic, role of plasminogen activators in, **A1455**

——, gastric, and pancreas in rat, **A713**

——, ——, mediated by changes in ornithine decarboxylase activity and polyamine concentrations?, **A1445**

Carcinoid syndrome, long acting somatostatin in, **A714**

Carcinoma, anal, and human papillomavirus, **A1482**

——, colonic, cell line, human, VIP stimulation of natural killer cell activity against, **A1495**

——, ——, intraluminal calcium in, mechanisms of action, **A704**

——, colorectal, carcinoembryonic antigen and epithelial membrane antigen in, **A1484**

——, ——, detection of extent of, peroperative scanning of I^{125} labelled anti-CEA monoclonal antibody for, **A731**

——, ——, influence of tumour cell DNA in, **A732**

——, ——, metastatic, hepatic perfusion index in diagnosis and follow up of, **A1484**

——, ——, monoclonal antibodies to, **A1484**

——, ——, natural killer activity of peripheral blood, mucosa, and tumour infiltrating mononuclear cells in, **A1485**

——, ——, palliation with Nd:YAG laser, which patients improved?, **A1455**

——, ——, palliative Nd-YAG laser therapy in, **A702**

——, ——, patients at risk of local recurrence identified by sialomucin at resection margin, **A1495**

——, ——, primary, peroperative colonoscopy in, experience with, **A730**

——, ——, recurrence of, affected by blood transfusion?, **A702**

——, ——, recurrent, detection by Indium-111-791T/36 monoclonal antibody imaging, **A740**

——, ——, surgery for, colonoscopic surveillance after, **A1483**

——, ——, unsuspected, importance of, **A731**

——, gastric, early, and intestinal metaplasia as marker of increased cancer risk, **A1472**

——, ——, ——, BSG survey, **A724**

——, ——, human, cell line grown *in vitro* and as xenograft, effects of enprostil and proglumide compared, **A737**

——, ——, ——, MKN45 xenografts, growth of, reduction by SMS 201-995, **A1477**

——, ——, screening programme, population based, early results of, **A730**

——, gastrointestinal, obstructing, light delivery system for treatment of, **A1490**

——, gastrooesophageal, bleeding from, controlled with endoscopic

laser therapy?, **A729**
——, hepatocellular, early diagnosis of, survival in cirrhotic patients improved by?, **A1492**
——, incurable, gastrectomy for, quality of life improved by?, **A1445**
——, oesophageal, computed tomography in pretreatment evaluation of, **A706**
——, ——, squamous cell, 'inoperable', survival in, effect of added radiotherapy compared with endoscopic intubation alone, **A1449**
——, ——, survival after treatment in, population based study, **A1449**
——, ——, Transkei epidemiological study, **A1471**
—— of caecum, prognosis in, effect of appendicectomy, **A730**
—— of large bowel, blood transfusion in, **A731**
——, pancreatic, duration of survival in, prediction by CA195 tumour marker, **A1457**
——, rectal, colo-anal anastomosis with colonic reservoir and excision of anal mucosa for, functional results, **A1483**
——, ——, conventional *v* extended pre-operative staging in, **A1483**
——, rectosigmoid, palliative endoscopic Nd:YAG laser treatment of, **A1454**
CARTLIDGE, S, *et al.*: Distribution of EGF and TGFα throughout the normal human gastrointestinal tract, **A1479**
——, *et al.*: EGF and TGFα levels in a mouse model of adenocarcinoma of the colon, **A1478**
CASELLAS, F, *et al.*: Intrajejunal prostanoid release in response to deoxycholic acid: an adaptative intestinal mechanism to irritative stimuli, **A1465**
Catheters, polyurethane, for total parenteral nutrition, as alternative to silicone catheters, **A716**
CHANG, D, *et al.*: Will biodergradable microspheres enhance regional delivery of a cytotoxic to hepatic tumour?, **A1432**
CHARLTON, C P J, *et al.*: Does intensive enteral feeding in children with advanced cirrhosis cause nitrogen intolerance?, **A1477**
CHARNLEY, R M, *et al.*: Aetiology of mid oesophageal diverticula, **A729**
——, *et al.*: Evaluation of a biopsy gun for guided biopsy of impalpable lesions using intraoperative ultrasound, **A1455**
——, *et al.*: Investigation of hepatic disease by echo planar imaging, **A1429**
CHESTA, J, *et al.*: Delayed stomach to caecum transit time in the diabetic rat: possible role of hyperglucagonaemia, **A1466**
CHILOVI, F, *et al.*: Sucralfate *v* H_2-antagonists in DU non-responders to initial treatment with sucralfate, **A1442**
CHIVERTON, S G, *et al.*: Response surface methodology predicts duodenal ulcer healing from acid suppression data, **A711**
Cholangiocarcinoma, hilar, resection for, clearance important?, **A736**
Cholangitis, sclerosing, primary, and inflammatory bowel disease, anti-neutrophil nuclear antibody in, **A1494**
——, ——, ——, natural history and mortality in, **A1430**
Cholecystectomy, effect on gall bladder function and bile reflux, **A736**
Choledochoduodenostomy, indications and outcome in 96 cases, **A736**
Choledochoscopy via cystic duct, **A736**
Cholelithiasis, extracorporeal shock wave lithotripsy for, efficacy and cost of, **A1488**
Cholera, acute, oral rhydration solutions in, gastric emptying rate of, **A703**
CHUA, A, *et al.*: Dysmotility-type non-ulcer dyspepsia is negatively associated with campylobacter-like organisms, **A1437**
Cimetidine and omeprazole treatment, 6 weeks', gastric ulcer recurrence after, 6 months' comparative follow-up study, **A1441**
—— or surgery for severe ulcer dyspepsia, 10 year study, **A724**
—— slower than omeprazole for ulcer healing and symptom relief in gastric ulcer, **A1440**
—— (400 mg qds) vs omeprazole (40 mg od) in treatment of erosive reflux oesophagitis, comparative study, **A1440**
Cirrhosis, advanced, intensive enteral feeding in children with, nitrogen intolerance caused by?, **A1477**
—— and portal hypertension, hepatic and systemic haemodynamics in, effects of somatostatin and SMS 201-995, **A720**
——, anorectal varices in, prevalence in 100 patients, **A1462**
——, biliary. *See* Biliary cirrhosis
——, effects of nalmefene, **A726**
——, psychometric deficits and MRI brain scan abnormalities in non-encephalopathic patients with, **A1463**
——, reduced sympathetic reactivity in, as evidence for post-receptor, vascular defect, **A725**
——, survival of patients with, improved by early diagnosis of hepatocellular carcinoma?, **A1492**
——, sympathetic activity and atrial natriuretic peptide in, **A1429**
Clostridium difficile toxin A and macrolide resistance determinants in *E Coli*, molecular cloning and expression, **A723**
Coal miners and general population, dyspepsia in, comparative study, **A1438**
Coeliac disease, anti-α-gliadin antibodies in, pathogenic potential of, **A722**
—— ——, associated with proctitis in prospective morphometric study?, **A1434**
—— ——, basolateral membrane enzymes in, **A1436**
—— ——, hyperglucagonaemia with necrolytic migratory erythema ('pseudoglucagonoma') in, **A704**
—— ——, jejunal mucosal mucus glycoprotein synthesis and secretion *in vitro* in, **A1434**
—— ——, mucosal immunoglobulin secretion in, T cell immunoregulation of, **A739**
—— ——, pathogenesis of, evidence against adenovirus 12 involvement, **A1469**
—— ganglionectomy and ethanol in dog, **A267**
Colchicine and cytochalasin B, effects on colonic restitution, **A1484**
Colic, biliary, suspected, comparison of sodium diclofenac and pethidine in, **A735**
Colitis, Crohn's and ulcerative, distinction by ^{111}Indium granulocyte scanning, **A707**
——, ——, defunctioned, restoration of intestinal continuity in, faecal challenge as predictor of effect of, **A1475**
——, ——, faecal and mucosa associated flora in, **A1465**
——, increased synthesis of inflammatory mediators (PAF-acether and leukotriene B_4) in models of, **A1436**
——, infective, acute, prediction on rectal biopsy by quantitative and statistical approach, **A1473**
——, ulcerative, active, high dose methylprednisolone in treatment of, **A1466**
——, ——, cessation of smoking by reducing colonic mucus production predisposes to?, **A704**
——, ——, conservative proctocolectomy as option in, **A1474**
——, ——, distal, low dosage 5-ASA enemas in treatment of, **A1454**
——, ——, dysplasia in, assessment of Riddell's classification, **A708**
——, ——, extensive, surveillance in, prognosis improved but cancer not always prevented by, **A1494**
——, ——, malignant change in, detection by brush cytology of colon, **A1454**
——, ——, olsalazine versus sulphasalazine in first attacks of, trial of, **A705**
——, ——, relapse in, due to seasonal factors?, **A1473**
——, ——, resistant, azathioprine in, **A1474**
COLLINS, B J, *et al.*: Clinical spectrum of Barrett's oesophagus: surveillance for all?, **A729**
——, *et al.*: How rapidly does the stomach empty oral rehydration solutions in acute cholera?, **A703**
COLLINS, J S A, *et al.*: Efficacy of quantitative hepatobiliary scintigraphy for evaluating a large series of patients with suspected partial common duct obstruction, **A1458**
Colo-anal anastomosis with colonic reservoir and excision of anal mucosa for rectal carcinoma, functional results, **A1483**
Colon, adenocarcinoma of, EGF and TGFα levels in mouse model of, **A1479**
——, blood flow, endoscopic evaluation in health and inflammatory

bowel disease, **A1491**
——, brush cytology of, in detection of malignant change in ulcerative colitis, **A1454**
——, carcinogenesis, role of plasminogen activators in, **A1455**
——, carcinoma of, cell line, human, VIP stimulation of natural killer cell activity against, **A1495**
——, ————, intraluminal calcium in, mechanisms of action, **A704**
——, crypts, maintenance by single stem cell shown by visualisation of somatic mutation and inducible clonal marker system, **A722**
——, defunctioned, fewer anastomotic tumours in, link between adaptation and carcinogenesis?, **A732**
——, function, effect of inert plastic particles, **A1481**
——, human, bursting pressures, comparison with intraluminal pressures during colonoscopy, **A727**
——, ——, sodium transport induced by aldosterone, segmental variability of, **A738**
——, inflammation and HLA/DR Ag expression in children with idiopathic protracted diarrhoea and autoimmune enteropathy, **A1494**
——, inflow of fluid, and small bowel motility during intraduodenal enteral nutrition, **A1469**
——, left and right, postoperative intraluminal pressures after anterior resection, **A733**
——, motility, cephalic phase of, **A1455**
——, ——, in irritable bowel syndrome, **A1482**
——, ——, ————————, affected by oral preparations of peppermint oil?, **A1481**
——, mucosa, human, organised lymphoid structures (follicles and aggregates) of, **A737**
——, mucosal restitution, effects of cytochalasin B and colchicine, **A1484**
——, ———— *in vitro* after bile salt injury, **A1485**
——, pressures, fully automated computer analysis, **A701**
——, transit, and neurotensin response in man, effects of specific 5-HT receptor antagonist (GR-38032), **A1480**
——, tumours of, 1,2 dimethylhydrazine-induced, in mice, protective effect of sulindac against, **A1485**
——, ————, enhanced prostaglandin E2 production by tissue fixed macrophages from, **A731**
Colonoscopy, intraluminal pressures during, comparison with bursting pressures of human colon, **A727**
Colorectal and gastric tumours, human, gastrin dependence of, **A738**
—— carcinoma, carcinoembryonic antigen and epithelial membrane antigen in, **A1484**
————, detection of extent of, peroperative scanning of I^{125} labelled anti-CEA monoclonal antibody for, **A731**
————, influence of tumour cell DNA in, **A732**
————, metastatic, hepatic perfusion index in diagnosis and follow up of, **A1484**
————, monoclonal antibodies to, **A1484**
————, natural killer activity of peripheral blood, mucosa, and tumour infiltrating mononuclear cells in, **A1485**
————, palliation with Nd:YAG laser, which patients improved?, **A1455**
————, palliative Nd-YAG laser therapy in, **A702**
————, patients at risk of local recurrence identified by sialomucin at resection margin, **A1495**
————, primary, peroperative colonoscopy in, experience with, **A730**
————, recurrence of, affected by blood transfusion?, **A702**
————, recurrent, detection by Indium-111-791T/36 monoclonal antibody imaging, **A740**
————, surgery for, colonoscopic surveillance after, **A1483**
————, unsuspected, importance of, **A731**
—— neoplasia, failure of haemoccult to detect, highlighted by left-sided colonoscopy, **A1483**
————, oncogene expression and proliferation in, **A702**
Computed tomography scanning of gall bladder in prediction of gall stone type, **A1487**
Computer analysis, fully automated, of intracolonic pressures, **A701**
—— diagnosis of jaundice with 'Solubile' program, **A1460**
CONOLLY, G M, and GAZZARD, B G: Diarrhoea in human immunodeficiency virus (HIV) antibody positive patients, **A703**
——, ——: Dysphagia in AIDS: symptoms, causes and value of investigations and treatment, **A723**
Constipation, chronic, associated with evidence of impaired urethrovesical and sacral reflex function, **A1486**
——, idiopathic, chronic, prolonged ambulant anorectal motility in, **A1456**
——, ——, severe, intramural innervation of internal sphincter normal in, **A734**
——, outlet obstruction (obstructed defecation), failure of posterior pelvic floor?, **A734**
——, ————————, posterior pelvic floor repair for, **A1456**
COOPER, M J, *et al.*: Gastric function after conventional and pylorus preserving pancreatoduodenectomy, **A265**
COPE, G F, *et al.*: Does the cessation of smoking predispose to ulcerative colitis by reducing colonic mucus production?, **A704**
Copper, rat liver laden with, effect of carbon tetrachloride, **A1461**
Coronary artery disease, proven, occurrence of oesophageal motor abnormalities in, **A1447**
Cot deaths, near miss, gastrooesophageal reflux and respiratory function in infants suffering, simultaneous monitoring of, **A1446**
COTTON, P B, and KOZAREK, R A: Laser lithotripsy of large bile duct stones under direct vision via peroral choledochoscopy, **A1496**
CRABTREE, J E, *et al.*: Duodenal secretion of *Campylobacter pylori*-specific antibodies in patients with gastritis and duodenitis, **A1438**
——, *et al.*: *In vitro* mucus glycoprotein synthesis and secretion in normal and coeliac jejunal mucosa, **A1434**
——, *et al.*: T cell immunoregulation of mucosal immunoglobulin secretion in coeliac disease, **A739**
C-reactive protein and antiproteases, value in objective monitoring of acute pancreatitis, **A269**
CRIPPS, N P J, *et al.*: Do oral preparations of peppermint oil affect colonic motility in patients with irritable bowel syndrome?, **A1481**
Crohn's colitis and ulcerative colitis, distinction by ^{111}Indium granulocyte scanning, **A707**
————, defunctioned, restoration of intestinal continuity in, faecal challenge as predictor of effect of, **A1475**
————, faecal and mucosa associated flora in, **A1465**
—— disease, acute, elemental diet (Vivonex) in, 11 years' experience, **A1474**
————, anal sphincter repair in, results of, **A705**
————, candidacidal activity of neutrophils in, **A1465**
————, enterovesical fistulae in, **A709**
———— in Derby (1951–85), **A705**
————, inflammatory activity in, evaluation of clinical, laboratory and scan assessments, **A708**
————, interleukin-1 inhibitor in, **A1436**
————, intestinal inflammation in, reduction by elemental diet (Vivonex), **A1466**
————, reoperation not needed sooner after strictureplasty than after resection, **A1466**
———— unresponsive to therapy, ^{111}Indium leucocyte scintigraphy for assessment of patients with, **A1464**
————, upper gastrointestinal biopsies in, usefulness of, **A703**
CULLEN, P T, *et al.*: Detection of partial gastrointestinal obstruction by surface vibration analysis, **A1480**
CURRAN, F T, *et al.*: Candidacidal activity of Crohn's disease neutrophils, **A1465**
CUSSONS, P D, *et al.*: Comparison of the value of mesenteric angiography and on table colonoscopy in massive acute large bowel haemorrhage, **A727**
Cyclosporin A, prolonged canine islet allotransplant survival with, **A271**
Cystic fibrosis, abnormal jejunal potential difference records in, **A1478**
————, enhanced active glucose absorption by jejunum in, **A1478**

Cytochalasin B and colchicine, effects on colonic restitution, **A1484**

Cytochrome P-450 *UT-A* down-regulation in male rats with portal bypass, **A1462**

Cytosolic retinoic binding protein in human pancreas, **A267**

DALLEY, C C, *et al.*: An inhibitor of interleukin-1 in Crohn's disease, **A1436**

DANESH, B J Z, *et al.*: How useful are upper gastrointestinal biopsies in patients with Crohn's disease?, **A703**

DANESHMEND, T K, *et al.*: Abolition by omeprazole of aspirin-induced gastric mucosal injury in humans, **A1442**

DAVIDSON, B R, *et al.*: Carcinoembryonic antigen and epithelial membrane antigen in colorectal cancers, **A1484**

DAWSON, P M, *et al.*: The presence of sialomucin at the resection margin identifies patients at risk of local recurrence of colorectal cancer, **A1495**

DEAKIN, M, *et al.*: The Angelchik prostesis: five years on, **A1448**

DEBNAM, E S, and EBRAHIM, H Y: Evidence for an increased driving force for active glucose transport across the jejunal brush border membrane in chronic diabetes, **A1494**

DE BRUIN, P A F, *et al.*: Application of plasminogen activator measurements to endoscopic biopsies as markers of gastrointestinal malignancy, **A1485**

——, *et al.*: Association between tumour development and plasminogen activators in the human colon, **A1455**

DE CAESTECKER, J S, and BATES, I: Does sickle cell disease cause peptic ulceration?, **A1438**

——, *et al.*: Do oesophageal motor abnormalities occur in patients with proven coronary artery disease?, **A1447**

——, *et al.*: What characteristics are acceptable in volunteers to establish normal ranges for 24 hour oesophageal pH monitoring?, **A1449**

DE DOMBAL, F T, *et al.*: The BSG Early Gastric Cancer Survey: a further report, **A724**

Defecation straining, pelvic floor outlet obstruction during, electromyographically derived (anismus) index in, **A1487**

DEFIZE, J, *et al.*: Effect of *Campylobacter pylori* on acid production by isolated guinea pig parietal cells, **A1435**

DEHN, T C B, *et al.*: Double blind comparative study of omeprazole (40 mg od) vs cimetidine (400 mg qds) in the treatment of erosive reflux oesophagitis, **A1440**

DENNIS, M J S, *et al.*: Choledochoscopy via the cystic duct, **A736**

DENNISON, A R, *et al.*: Randomised trial of infrared photocoagulation and bipolar diathermy for the outpatient treatment of haemorrhoids, **A735**

De-Nol, depot preparation of bismuth provided by?, **A1495**

——, effect in peptic ulcer disease potentiated by antibiotics, **A1439**

——, —— on symptoms and gastric histology in non-ulcer dyspepsia, trial of, **A1440**

—— therapy, high dose, survival of *Campylobacter pylori* after, **A1437**

Deoxicholic acid, intrajejunal prostanoid release in response to, adaptative intestinal mechanism to irritative stimuli?, **A1465**

Diabetes, chronic, active glucose transport across jejunal brush border membrane in, increased driving force for, **A1494**

——, delayed stomach to caecum transit time in rat with, hyperglucagonaemia involved?, **A1466**

——, effect of islet transplantation in dogs with, long term follow up using different autograft preparations, **A271**

——, successful xenogeneic islet transplantation in nude (athymic) rat with, **A271**

Diabetic complications, secondary, effect of pancreatic islet transplantation in dogs, **A271**

Diarrhoea, chronic, and malnutrition in Gambian infants, comparison of casein hydrolysate formula with standard rehabilitation milk for, **A1476**

—— due to rotavirus, experimental, in rat, characterisation of, **A1433**

—— in HIV antibody positive patients, **A703**

——, protracted, idiopathic, and autoimmune enteropathy, colonic inflammation and HLA/DR Ag expression in children with, **A1494**

Diarrhoea-malnutrition syndrome, chronic, immunopathologic aspects of small intestinal mucosae in Gambian children with, **A1433**

DICKSON, A P, *et al.*: Pancreatic pseudocysts in children, **A267**

Diet, elemental (Vivonex), in acute Crohn's disease, 11 years' experience, **A1474**

——, —— ——, reduction of intestinal inflammation in Crohn's disease by, **A1466**

Diethylaminoethyldextran for itching in primary biliary cirrhosis, trial of, **A1463**

Diverticula, duodenal, risk factor for sphincterotomy?, **A727**

——, mid oesophageal, aetiology, **A729**

DNA probes, genomic, *Giardia lamblia* cloned, uses in faecal diagnosis and genetic analysis of clinical isolates, **A722**

DOBRILLA, G, *et al.*: Famotidine in single morning *v* single nocturnal dose in the treatment of duodenal ulcer, **A1441**

——, *et al.*: Functional dyspepsia: a meta-analysis of randomised placebo controlled clinical trials, **A1441**

DOMSCHKE, S, *et al.*: Assessment of exocrine pancreatic function after gastrectomy, **A1457**

——, *et al.*: CA 72-4 in comparison with CA 19-9 and CEA, **A1445**

DOWSETT, J F, *et al.*: Endoscopic stenting for malignant biliary obstruction: how good really? – a review of 641 consecutive patients, **A1458**

——, *et al.*: Malignant obstructive jaundice: what is the best management?: a prospective randomised trial of surgery *v* endoscopic stenting, **A1493**

Drug absorption, small intestinal, influence of anatomical site and perfusate composition, **A714**

DUNK, A A, *et al.*: Psychometric deficits and MRI brain scan abnormalities in non-encephalopathic patients with cirrhosis, **A1463**

Duodenal and gastric mucosal eicosanoid synthesis, in rat, reduction by diet deficient in linoleic acid, **A1467**

—— bile crystal analysis, role in investigation of 'idiopathic' pancreatitis, **A268**

—— diverticulum, risk factor for sphincterotomy?, **A727**

Duodenitis and gastritis, duodenal secretion of *C pylori*-specific antibodies in, **A1438**

Duodenogastric reflux. *See* Reflux, duodenogastric

Duodenum, human, villi of, pathway of migration of epithelial cells in, **A713**

——, proximal, secretion in acutely undernourished rat, **A1467**

——, ulcer, chronic, anterior lesser curvature seromyotomy with posterior truncal vagotomy for, advantages of, **A1444**

——, ——, endogenous PGE secretion failure in, **A709**

——, ——, established, duodenal pH neutral in, **A1439**

——, ——, famotidine in treatment of, single morning *v* single nocturnal dose, **A1441**

——, ——, gastric mucosa in, reduced hydrophobicity of, **A707**

——, ——, healed and active, 24-hour intragastric pH profile in, **A1452**

——, ——, healing, prediction by response surface methodology from acid suppression data, **A711**

——, —— ——, suppression of nocturnal acid important for?, **A710**

——, ——, plasma gastrin, secretin, and somatostatin responses to cephalic stimulation and meal in, **A709**

——, ——, ranitidine and pirenzepine combined in treatment of, **A1439**

——, ——, refractory, highly selective vagotomy for, prevalence of recurrent ulceration reduced by use of Grassi test after?, **A713**

——, ——, ——, why failure to heal?, **A1441**

——, ——, relapse rates of, effect of ranitidine and tripotassium dicitrato bismuth and role of *Campylobacter pylori*, **A711**

——, ——, sucralfate *v* H_2 antagonists in non-responders to initial sucralfate, **A1442**

——, ——, ultra refractory, omeprazole treatment of, **A712**

DUSHEIKO, G M, *et al.*: Pre-S1 and pre-S2 antigen expression in

hepatitis B infection, **A717**
Dyspepsia, functional, meta-analysis of clinical trials, **A1441**
——, ——, non-invasive assessment of antral motor function by high resolution real-time ultrasound in, **A1452**
——, history of, and *Campylobacter pylori* in healthy blood donors, **A706**
—— in coal miners and general population, comparative study, **A1438**
——, non-ulcer, *C pylori*-positive and -negative, symptomatology in, **A1473**
——, ——, dysmotility-type, negatively associated with Campylobacter-like organisms, **A1437**
——, ——, effect of De-Nol on symptoms and gastric histology in, trial of, **A1440**
——, ulcer, severe, cimetidine or surgery for, 10 year study, **A724**
Dysphagia in AIDS, symptoms, causes and value of investigations and treatment, **A723**
——, malignant, inoperable, quality of life improved by laser therapy?, **A740**
——, ——, palliation of, longterm, laser *v* intubation for, **A1492**
——, measurement of lower oesophageal sphincter relaxation necessary in?, **A1448**
——, oesophageal manometry during eating in investigation of, **A1448**

Echinococcus multilocularis chemotherapy, **A718**
————, comparison of albendazole, mebendazole, and praziquantel in, **A1464**
Echo planar imaging in investigation of hepatic disease, **A1429**
———— magnetic resonance imaging in investigation of gastrointestinal motility, **A1452**
Efamol trophic to rat small intestinal mucosa, **A1467**
Eicosanoid biosynthesis by peripheral blood leucocytes from alcoholic patients and *in vitro* response of peripheral blood mononuclear cells to alcohol, **A738**
Elastase, faecal, in inflammatory bowel disease, **A1474**
Elderly, bleeding varices in, well worth treating, **A1462**
—— patients with small bowel bacterial overgrowth, mucosal changes in, **A1468**
Electromyography of oesophagus with intraluminal ring electrodes, **A1447**
ELL, C H, *et al.*: Piezoelectric shockwaves – gall stone lithotripsy and tissue interactions, **A721**
Encephalopathy, hepatic, human, GABA plasma levels and brain receptors in, **A1430**
Endoprostheses, stainless steel, self expanding, wide bore, for percutaneous stenting of biliary strictures, **A1459**
Endoscopes in AIDS, evaluation of new biopsy channel valve, **A701**
Endoscopic bile duct clearance in patients considered unfit for surgery, late results of, **A1488**
—— gastrostomy, **A1489**
—— intubation, percutaneous, combined, of inoperable biliary strictures, **A736**
———— *v* laser therapy for longterm palliation of malignant dysphagia, **A1492**
—— management of postoperative biliary strictures, **A726**
————, successful, of postoperative bile leak, **A1490**
—— sphincterotomy, safety and success rate in 1980s, **A1489**
—— stenting of malignant biliary obstruction, evaluation in 641 patients, **A1458**
———————————— using combined percutaneous-endoscopic approach, improved success for, **A1488**
Endoscopy in Trent region, **A1453**
——, gastrointestinal, upper, routine sedation appropriate for?, **A1488**
—— room, one minute test for *Campylobacter pylori* in, **A701**
Enemas, small bowel, rational ordering of, standard blood tests as guide to, **A708**
Enprostil, effect on bicarbonate secretion in amphibian and human stomach, **A1442**
Enteral nutrition, home, practical aspects, **A1470**
————, intensive, in children with advanced cirrhosis, nitrogen intolerance caused by?, **A1477**
————, intraduodenal, colonic inflow and small bowel motility during, **A1469**
Enterectomy, proximal, small bowel adaptation and growth after, effect of age, **A1468**
Enterogastric reflux. *See* Reflux, enterogastric
Enteropathy, immunologically mediated, role of interferons in, **A1436**
Enterovesical fistulae in Crohn's disease, **A709**
Epidermal growth factor and TGFα, distribution throughout normal human gastrointestinal tract, **A1479**
—————————— levels in mouse model of adenocarcinoma of colon, **A1479**
—————— receptor down-regulation during hepatocyte proliferation *in vivo* and *in vitro*, **A1435**
—————— uptake and transfer by small intestinal epithelium of fetal rat, **A1478**
Epigastric impedance studies for measurement of gastric emptying in children, **A1475**
ERIKSEN, C A, *et al.*: Plasma gastrin, secretin, and somatostatin responses to cephalic stimulation and a meal in health and duodenal ulcer disease, **A709**
Ethanol and coeliac ganglionectomy in dog, **A267**
——, effect on small intestine of rat, **A715**
Etodolac *v* naproxene in rheumatoid arthritis, endoscopic study, **A1443**
EVANS, D F, *et al.*: Investigation of gastrointestinal motility with echo planar magnetic resonance imaging, **A1452**
——, *et al.*: An objective comparison of the Angelchik anti-reflux prosthesis and Nissen fundoplication, **A1448**
Exchange transfusion in reduction of mortality in experimental pancreatitis in rat, **A270**
Exercise, gastric emptying of liquids delayed by, applied potential tomographic study, **A713**
——, moderate, effect on water and electrolyte absorption from jejunum *in vivo*, **A715**
EYRE-BROOK, I A, *et al.*: Standard blood tests as a guide to rational ordering of the small bowel enema, **A708**

Faecal challenge as predictor of effect of restoring intestinal continuity in defunctioned Crohn's colitis, **A1475**
—— elastase in inflammatory bowel disease, **A1474**
—— fat measurement, near infra-red reflessometry for, **A1459**
—— incontinence. *See* Incontinence, faecal
—— lysozyme excretion and α-1-antitrypsin clearance in assessment of disease activity in inflammatory bowel disease, **A1465**
Famotidine in dose dependent protection of gastric mucosa against aspirin, shown by endoscopy and blood measurement, **A729**
—— in treatment of duodenal ulcer, single morning *v* single nocturnal dose, **A1441**
FARINATI, F, *et al.*: Does an early diagnosis of hepatocellular carcinoma improve survival in cirrhotic patients?, **A1492**
——, *et al.*: (INTERDISCIPLINARY GROUP ON GASTRIC EPITHELIAL DYSPLASIA): Gastric epithelial dysplasia: a prospective multicentre follow up study, **A1453**
FARRANDS, P A, *et al.*: Ileal reservoir inflammation (pouchitis) after restorative proctocolectomy with ileal reservoir, **A1486**
Fat, dietary, effect on small intestinal mucosa, **A716**
——, ——, modification of jejunal ion transport and luminal eicosanoids, **A1459**
——, faecal, measurement of, near infra-red reflessometry for, **A1459**
Fatigue, postoperative, assessment of, **A1470**
Feeding. *See* Sham feeding
FELLOWS, I W, and HOLMES, G K T: Crohn's disease in the city of Derby 1951–1985, **A705**
——, *et al.*: Multiple lymphomatous polyposis of the gut, **A715**
Fenbufen, effect on gastric mucosal morphology and blood flow,

comparison with indomethacin, **A1492**

FESTEN, H, *et al.*: Repeated high oral doses of omeprazole do not affect intrinsic factor secretion: proof of a selective mode of action, **A712**

Fetal rat small intestinal epithelium, epidermal growth factor uptake and transfer by, **A1478**

——small intestine, human, transplanted, crypt cell production rate and surface membrane characteristics of, **A1493**

Fibre, dietary, effect on intestinal epithelial cell proliferation in conventional and germfree rats, **A723**

Fibrinolysis and tryptic activity, intragastric, in bleeding peptic ulcer disease, **A1443**

Fibrinolytic activity of gastric juice, assessment of, **A1435**

FINAN, P J, *et al.*: Experience with peroperative colonoscopy in patients with primary colorectal cancer, **A730**

FINLAY, I G, and BROWN, D: Posterior pelvic floor repair – a new surgical approach for outlet obstruction constipation (obstructed defecation), **A1456**

Fistulae, enterovesical, in Crohn's disease, **A709**

FLOREANI, A, *et al.*: Diethylaminoethyldextran for itching in primary biliary cirrhosis: a double blind trial, **A1463**

Flumazenil reversal of midazolam sedation for gastroscopy, **A1489**

FOLEY, D P, *et al.*: Left-sided colonoscopy highlights the failure of haemoccult to detect colorectal neoplasia, **A1483**

Food, Indian, effect on small intestinal function, **A703**

——, integrated gastrin response to, acid secretion and antral size, **A1450**

FOSTER, P N, *et al.*: Azathioprine in resistant ulcerative colitis, **A1474**

FULLARTON, G M, *et al.*: Controlled study of heater probe in bleeding peptic ulcer, **A701**

——, *et al.*: Rebound nocturnal hypersecretion after four weeks H_2 antagonist therapy, **A1439**

GABA plasma levels and brain receptors in human hepatic encephalopathy, **A1430**

Gall bladder, computed tomography scanning of, in prediction of gall stone type, **A1487**

————emptying, normal, definition of, **A720**

————function and bile reflux and effect of cholecystectomy, **A736**

————mucosa, human, acid secretion *in vitro* by, evidence of, **A1435**

————stones, extracorporeal shock wave lithotripsy for, initial experience in 20 patients, **A740**

————wall thickening in chronic liver disease, sign of portal hypertension?, **A1487**

——stones, acute pancreatitis caused by, ERCP and endoscopic sphincterotomy in, results of trial, **A266**

————, fragmentation using pulsed laser light, **A1453**

————, lithotripsy with piezoelectric shockwaves and tissue interactions, **A721**

GALLAGHER, R B, *et al.*: Pathogenic potential of anti-α-gliadin antibodies in coeliac disease, **A722**

Gastrectomy, exocrine pancreatic function after, assessment of, **A1457**

——for incurable carcinoma, quality of life improved by?, **A1445**

——, radical, high grade dysplasia of gastric epithelium indication for?, **A729**

Gastric acid hypersecretion, nocturnal, rebound, after 4 weeks' H_2 antagonist (nizatidine) therapy, **A1439**

——and colorectal tumours, human, gastrin dependence of, **A738**

——and duodenal mucosal eicosanoid synthesis in rat, reduction by diet deficient in linoleic acid, **A1467**

——bicarbonate secretion and luminal PGE_2 output, effect of sucralfate, **A710**

——carcinogenesis and pancreas in rat, **A713**

————, mediated by changes in ornithine decarboxylase activity and polyamine concentrations?, **A1445**

——carcinoma, early, and intestinal metaplasia as marker of increased cancer risk, **A1472**

————, ——, BSG survey, **A724**

————, human, cell line grown *in vitro* and as xenograft, effects of enprostil and proglumide compared, **A737**

————, ——, MKN45 xenografts, growth of, reduction by SMS 201-995, **A1477**

————screening programme, population based, early results of, **A730**

——cardiac tumours, increase in numbers, due to change in aetiological factors?, **A1445**

——emptying, measurement in children, epigastric impedance studies for, **A1475**

————of liquids delayed by exercise, applied potential tomographic study, **A713**

————of nutrient liquid, effect of refeeding, **A737**

——epithelial dysplasia, prospective multicentre follow up study, **A1453**

——epithelium and prostaglandins, trophic effects of misoprostol on gastric epithelial cell proliferation in dog, **A738**

————, high grade dysplasia of, indication for radical gastrectomy?, **A729**

——function after conventional and pylorus preserving pancreatoduodenectomy, **A265**

————, indirect tubeless test of, **A1452**

——juice ascorbic acid levels, first measurement of, **A1477**

————, fibrinolytic activity of, assessment of, **A1435**

——lesions induced by aspirin in healthy subjects, omeprazole prevention of, **A712**

——mucosa, dose dependent protection by famotidine against aspirin, shown by endoscopy and blood measurement, **A729**

————in duodenal ulcer, reduced hydrophobicity of, **A707**

————not protected by endogenous gastric prostaglandins, **A1473**

——mucosal bleeding, induction by aspirin 300 mg and prevention by ranitidine, **A711**

————blood flow in portal hypertension, **A1461**

————injury induced by aspirin, omeprazole abolition of, **A1442**

——————, prostaglandin E2 and carbopol protection in human model against, **A1442**

————morphology and blood flow, comparison of effects of indomethacin and fenbufen, **A1492**

——mucus glycoprotein synthesis *in vitro*, stimulation by prostaglandin E_2, **A710**

——peristalsis, control of, **A1477**

——ulcer, faster healing and symptom relief with omeprazole than cimetidine in, **A1440**

————recurrence after 6 weeks' omeprazole and cimetidine treatment, 6 months' comparative follow-up study, **A1441**

——ulcers, asymptomatic *v* symptomatic, in patients with rheumatoid arthritis on NSAIDs, **A1443**

——. *See also* Intragastric

Gastrin, secretin, and somatostatin, plasma concentrations and responses to cephalic stimulation and meal in health and duodenal ulcer, **A709**

Gastritis and duodenitis, duodenal secretion of *C pylori*-specific antibodies in, **A1438**

——, *C pylori*-associated, chronic, and normal gastric antrum, mucosal T-cell subsets in, **A1438**

——, ————, detected by serology in children with non-specific abdominal pain?, **A1475**

——with *Campylobacter pylori* in children, common cause of symptoms?, **A707**

————————, serum antibody titres before and after therapy in, **A709**

Gastroduodenal disease, ultrasound in detection of, **A1453**

Gastrointestinal biopsies, upper, usefulness in Crohn's disease, **A703**

——cancer, obstructing, light delivery system for treatment of, **A1490**

——cell lines, effects of oestradiol and oestramustine, cell kinetic study, **A1479**

——complications in children after orthotopic liver transplantation, risk factors in, **A1476**
——drug absorption studies, **A1433**
——endoscopy, upper, routine sedation appropriate for?, **A1488**
——haemorrhage, upper, lower mortality from, among GI unit admissions in district general hospital, **A1444**
——malignancy, application of plasminogen activator measurements to endoscopic biopsies as markers of, **A1485**
——motility, investigation with echo planar magnetic resonance imaging, **A1452**
——obstruction, partial, detection by surface vibration analysis, **A1480**
——tract, human, normal, EGF and TGFα distribution throughout, **A1479**
——transit time, delayed, in diabetic rat, hyperglucagonaemia involved?, **A1466**
Gastrooesophageal cancer, bleeding from, controlled with endoscopic laser therapy?, **A729**
——reflux. *See* Reflux, gastrooesophageal
Gastroscopy, midazolam sedation for, reversal by flumazenil, **A1489**
——service, open access, referral to, effect of general practitioner education, **A727**
Gastrostomy, endoscopic, **A1489**
GAVEY, C J, *et al.*: Does oral tripotassium dicitrato bismuthate provide a depot preparation of bismuth?, **A1495**
General practitioner education, effect on referral to open access gastroscopy service, **A727**
Giardia infection in tropics, diagnosis of, **A1476**
Giardia lamblia cloned genomic DNA probes, uses in faecal diagnosis and genetic analysis of clinical isolates, **A722**
GILLAMS, A, *et al.*: Wide bore self expanding stainless steel endoprostheses: a new approach for percutaneous stenting of biliary strictures, **A1459**
GIMSON, A, *et al.*: Use of omeprazole in the management of chronic oesophageal ulceration after injection sclerotherapy, **A728**
GLEDHILL, T, *et al.*: Comparison of sodium diclofenac and pethidine in suspected biliary colic, **A735**
——, *et al.*: Conservative treatment of appendicitis, **A732**
Glucose absorption, active, enhanced, by jejunum in cystic fibrosis, **A1478**
——transport, active, across jejunal brush border membrane in chronic diabetes, increased driving force for, **A1494**
γ-Glutamyltranspeptidase, isolated rise in, indication for liver biopsy?, **A1460**
Gluten challenge, rectal, as diagnostic test of gluten sensitivity, **A1469**
——sensitivity and possibly role of human adenovirus 12, **A716**
GOKA, A K J, *et al.*: Importance of IgA antibody to candida in diagnosis of candidiasis in fulminant hepatic failure, **A717**
GOMPERTZ, R H, *et al.*: Resection for hilar cholangiocarcinoma: does clearance matter?, **A736**
GONIS, G, *et al.*: Does oesophageal motor activity improve after surgical treatment of gastrooesophageal reflux?, **A1448**
GOODLAD, R A, *et al.*: Effects of dietary fibre on intestinal epithelial cell proliferation in conventional and germfree rats, **A723**
——, *et al.*: Prostaglandins and the gastric epithelium: trophic effects of misoprostol on gastric epithelial cell proliferation in the dog, **A738**
GOTLEY, D C, *et al.*: Do bile acids modify the cytopathic effects of pepsin on oesophageal mucosal cells?, **A1451**
——, *et al.*: Peptic activity in the refluxate of patients with uncomplicated gastrooesophageal reflux, **A1451**
——, *et al.*: Prolonged intragastric pH monitoring in the diagnosis of duodenogastric bile reflux, **A1451**
GRAMA-BOHBOUTH, G E, *et al.*: Faecal lysozyme excretion and alpha-1-antitrypsin clearance in the assessment of disease activity in inflammatory bowel disease, **A1465**
GRANT, H W, and PALMER, K R: Endogenous gastric prostaglandins do not protect the human gastric mucosa, **A1473**
——, *et al.*: Failure of endogenous PGE secretion in duodenal ulcer, **A709**
GRIFFIN, S M, *et al.*: Longterm metabolic follow up using different preparations of islet autografts, **A272**
GRIFFITHS, D F R, *et al.*: Visualisation of somatic mutation provides an inducible clonal marker system that shows that colonic crypts are maintained by a single stem cell, **A722**
GRIMBLE, G K, *et al.*: Parenteral utilisation of a short chain ovalbumin hydrolysate in man, **A715**
Growth retardation in children with inflammatory bowel disease, failure to record and recognise, **A705**
GUILLEMOT, F, *et al.*: Functional results of coloanal anastomosis with colonic reservoir and excision of anal mucosa for rectal carcinoma, **A1483**
GUTHRIE, E A, *et al.*: A controlled trial of psychological treatment in patients with the irritable bowel syndrome, **A1481**
GUY, A J, *et al.*: Cyclosporin A allows prolonged canine islet allotransplantation survival, **A271**

HABOUBI, N Y, *et al.*: Mucosal changes in elderly patients with small bowel bacterial overgrowth, **A1468**
Haemoccult, failure to detect colorectal neoplasia highlighted by left-sided colonoscopy, **A1483**
Haemochromatosis, hereditary, transferrin receptor in liver and gut in, differential expression of, **A725**
Haemorrhage, gastric mucosal, induction by aspirin 300 mg and prevention by ranitidine, **A711**
Haemorrhage, gastrointestinal, upper, lower mortality from, among GI unit admissions in district general hospital, **A1444**
——in large bowel, acute, massive, comparison of mesenteric angiography and on table colonoscopy in, **A727**
——, variceal. *See* Variceal haemorrhage
——. *See also* Bleeding
Haemorrhagic pancreatitis, acute, experimental, in rat, mortality reduced by exchange transfusion, **A270**
————, necrotising, acute, bile-salt/lysolecithin induced model of, **A265**
Haemorrhoids, high anal pressure in patients with, role of vascular pressure in, **A1486**
——, infrared photocoagulation and bipolar diathermy for outpatient treatment, trial of, **A735**
HALL, R I, *et al.*: Combined percutaneous endoscopic intubation of inoperable biliary strictures, **A736**
HAMDORF, J M, *et al.*: Colonic motility in the irritable bowel syndrome, **A1482**
HANSELL, D T, *et al.*: Endoscopic sphincterotomy for common bile duct stones in patients with intact gall bladders, **A727**
——, *et al.*: Ten year study of cimetidine or surgery for severe ulcer dyspepsia, **A724**
HARRISON, J D, and MORRIS, D L: AIDS and endoscopes – evaluation of a new biopsy channel valve, **A701**
——, ——: A comparative study of dyspepsia in coal miners and the general population, **A1438**
——, ——: Early results of a population based screening programme for gastric cancer, **A730**
——, ——: Role of general practitioner education in affecting referral to an open access gastroscopy service, **A727**
——, *et al.*: A cell kinetic study on the effects of oestradiol and oestramustine on gastrointestinal cell lines, **A1479**
HARRISON, P M, *et al.*: Serial prothrombin ratios: a prognostic indicator in paracetamol-induced acute liver failure, **A1462**
HAWKEY, C J, *et al.*: A new model of human gastric mucosal injury – protection by prostaglandin E2 and carbopol, **A1442**
HAWKEY, G M, *et al.*: Educational value of the BDF/BSG patient information leaflets, **A730**
HEATH, D I, *et al.*: Assessment and monitoring of acute pancreatitis by the APACHE II scoring system, **A1456**
Hepatic asialoglycoprotein receptor, antibodies against, preferential coating of periportal hepatocytes in *in situ* perfused rat liver by, **A1461**
——encephalopathy, human, GABA plasma levels and brain

receptors in , **A1430**

——oxidative drug metabolism, impairment mediated by interferon in rats, **A1460**

——perfusion index in diagnosis and follow up of metastatic colorectal cancer, **A1484**

——. *See also* Liver

Hepatitis B, chronic, loss of HBeAg among homosexual men with, affected by HIV infection?, **A1464**

—— ——infection, pre-S1 and pre-S2 antigen expression in, **A717**

——, chronic active patients maintained in remission on azathioprine alone, longterm follow up, **A726**

——, non-A, non-B, chronic, natural history and effect of immunosuppressive therapy on disease progression, **A1430**

Hepatobiliary complications, incidence in patients undergoing surgery for chronic pancreatitis, **A266**

——scintigraphy, quantitative, efficacy for evaluating patients with suspected partial common duct obstruction, **A1458**

Hepatocellular carcinoma, early diagnosis of, survival in cirrhotic patients improved by?, **A1492**

Hepatocyte proliferation *in vivo* and *in vitro*, epidermal growth factor receptor down-regulation during, **A1435**

Hepatocytes, cultured, immunosuppressive effects of, **A717**

——, implanted, enhanced survival in bile-duct obstructed rats, **A1463**

——, rat, in primary culture, acute phase induction of alkaline phosphatase in, **A717**

HERRMANN, R, *et al.*: Natural history and mortality in primary sclerosing cholangitis, **A1430**

H_2-receptor antagonists *v* sucralfate in duodenal ulcer nonresponders to initial sucralfate, **A1442**

—— ——. *See also* Nizatidine

HIELE, M, *et al.*: $^{13}CO_2$ breath test for the study of starch digestion in normal subjects and patients with pancreatic disease, **A735**

Hilar cholangiocarcinoma, resection for, clearance important?, **A736**

HILL, S, *et al.*: Colonic inflammation and HLA/DR Ag expression in the colon of children with idiopathic protracted diarrhoea and autoimmune enteropathy, **A1494**

Hilum of liver, stricture, malignant, endoprosthesis for, 171 cases, **A726**

HIV antibody positive patients, diarrhoea in, **A703**

——infection, loss of HBeAg among homosexual men with chronic hepatitis B affected by?, **A1464**

Homosexual men with chronic hepatitis B, loss of HBeAg among, affected by HIV infection?, **A1464**

HOOD, K A, *et al.*: Extracorporeal shock wave lithotripsy for gall bladder stones: initial experience in 20 patients, **A740**

HOSKING, S W, *et al.*: Anorectal varices: prevalence in a cirrhotic population, **A1462**

——, *et al.*: Bleeding varices in the elderly – well worth treating, **A1462**

——, *et al.*: What is the response of the mediastinum to variceal sclerotherapy?, **A719**

HOWARD, P J, *et al.*: Oesophageal manometry during eating in the investigation of patients with dysphagia, **A1448**

——, *et al.*: Why measure lower oesophageal relaxation in patients with dysphagia?, **A1448**

HOWDLE, P D, *et al.*: Evidence against the involvement of adenovirus 12 in the pathogenesis of coeliac disease, **A1469**

HUGHES, S, *et al.*: Use of an ammonia electrode for rapid quantification of *C pylori* urease – lack of inhibition by bismuth subsalicylate, **A710**

Human immunodeficiency virus. *See* HIV

Hunger, development in man, physiological mechanisms determining, **A1491**

HUNT, J B, *et al.*: Evaluation of a hypotonic oral rehydration solution in mammalian models, **A1470**

5-Hydroxytryptamine actions on intestinal fluid and electrolyte transport, **A1480**

——receptor antagonist (GR-38032), effects on colonic transit and neurotensin response in man, **A1480**

Hyperglucagonaemia involved in delayed stomach to caecum transit time in diabetic rat?, **A1466**

——with necrolytic migratory erythema ('pseudoglucagonoma') in coeliac disease, **A704**

Hypertension, portal, and cirrhosis, hepatic and systemic haemodynamics in, effects of somatostatin and SMS 201-995, **A720**

——, ——, gastric mucosal blood flow in, **A1461**

Hyperventilation, amplitude of oesophageal contractions in healthy volunteers increased by, **A1447**

Hypochlorite scavenging by 5-amino salicylic acid, fluorimetric determination of, **A1437**

Hysterectomy, effect on bowel function, **A1482**

Ileal reservoir inflammation (pouchitis) after restorative proctocolectomy with ileal reservoir, **A1486**

Ileoanal pouch formation, breath hydrogen testing as indicator of small bowel overgrowth after, **A1467**

Ileocaecal motor activity, prolonged, in ambulant subjects, **A732**

Ileostomy output increased by peptide histidine methionine, **A716**

Ileum, mucosal transport, Lauterbach chamber for study of, *in vitro*-validation, **A1480**

Immunoglobulin A nephropathy (Berger's disease), intestinal mucosal enzyme deficiency in, **A1471**

Incontinence, faecal, neurogenic, dorsal genital nerve pudendoanal reflex in treatment of, **A734**

——, ——, postanal repair for, prediction of outcome, physiological parameters for, **A733**

——, ——, spontaneous anal relaxation as cause of, **A1486**

Indomethacin, effect on gastric mucosal morphology and blood flow, comparison with fenbufen, **A1492**

Inflammatory mediators (PAF-acether and leukotriene B_4), increased synthesis in models of colitis, **A1436**

Infra-red reflessometry, near, for faecal fat measurement, **A1459**

INGOLDBY, C J H, *et al.*: Late results of endoscopic bile duct clearance in patients considered unfit for surgery, **A1488**

Interferons, impairment of hepatic oxidative drug metabolism in rats mediated by, **A1460**

——, role in immunologically mediated enteropathy, **A1436**

Interleukin-1 inhibitor in Crohn's disease, **A1436**

Interleukin 1-β, enhanced production by mononuclear cells idolated from inflammatory bowel disease mucosa, **A1464**

Interleukin 2 receptors, soluble, in serum and bile after liver transplantation, **A1432**

Intestinal tone, modulation by visceral reflexes in man, **A1432**

Intestine, ischaemic, reperfused, gut peptide release from, role of superoxide radicals in, **A1468**

——, large, carcinoma of, blood transfusion in, **A731**

——, ——, haemorrhage in, acute, massive, comparison of mesenteric angiography and on table colonoscopy in, **A727**

——, ——, tumours of, familial aggregation of, **A1486**

——, small, adaptation and growth after proximal enterectomy, effect of age, **A1468**

——, ——, bacterial overgrowth after ileoanal pouch formation, breath hydrogen as indicator of, **A1467**

——, ——, —— ——, mucosal changes in elderly patients with, **A1468**

——, ——, drug absorption, influence of anatomical site and perfusate composition, **A714**

——, ——, effect of ethanol in rat, **A715**

——, ——, enemas of, rational ordering of, standard blood tests as guide to, **A708**

——, ——, epithelium, fetal rat, epidermal growth factor uptake and transfer by, **A1478**

——, ——, fetal, human, transplanted, crypt cell production rate and surface membrane characteristics of, **A1493**

——, ——, function, effect of Indian food, **A703**

——, ——, hypersecretory response to cholinergic stimulation induced by chronic malnutrition in rats, **A714**

——, ——, inflammation of, NSAID induced, treatment of, **A1434**

——, ——, motility disturbances induced by alcohol, due to preferential loss of smooth-muscle apparatus?, **A1433**
——, ——, mucosa of, efamol trophic to, **A1467**
——, ——, ————, effect of dietary fat, **A716**
——, ——, ————, immunopathologic aspects in Gambian children with chronic diarrhoea-malnutrition syndrome, **A1433**
——, ——, permeability, increased, indomethacin induced, role of prostaglandins in, **A1493**
——, ——, rat, secretory activity of peptide histidine methionine and neurotensin matches distribution in, **A739**
——, ——, short, need for parenteral fluids reduced by Octreotide in patients with?, **A1434**
Intestines, epithelial cell proliferation, effect of dietary fibre in conventional and germfree rats, **A723**
——, fluid and electrolyte transport, 5-HT actions on, **A1480**
——, inflammatory disease, 5-amino salicylic acid as scavenger of toxic oxygen metabolites in, **A722**
——, ————, and primary sclerosing cholangitis, anti-neutrophil nuclear antibody in, **A1494**
——, ————, antigen presenting activity of mononuclear cells from mucosa in, **A1474**
——, ————, blood transfusion primary therapy for?, **A709**
——, ————, colonic blood flow in, endoscopic evaluation of, **A1491**
——, ————, disease activity in, assessment from faecal lysozyme excretion and α-1-antitrypsin clearance, **A1465**
——, ————, enhanced interleukin 1-β production by mononuclear cells isolated from mucosa in, **A1464**
——, ————, faecal elastase in, **A1474**
——, ————, granulocyte migration to inflamed bowel *in vivo* not delayed by prednisolone in, **A707**
——, ————, growth retardation in children with, failure to record and recognise, **A704**
——, ————, Picolax (sodium picosulphate/magnesium citrate mixture) for bowel preparation in, safety of, **A1490**
——, irritable bowel syndrome, colonic motility in, **A1482**
——, ——————, ——————, affected by oral preparations of peppermint oil?, **A1481**
——, ——————, Manning's criteria for, prospective evaluation, **A1482**
——, ——————, pseudo-diarrhoea in, transit time reflected by patients' records of stool form (not by stool frequency) in, **A1455**
——, ——————, psychological treatment in, trial of, **A1481**
——, mucosa of, lymphocyte isolation using recombinant interleukin 2, **A737**
——, permeability, and test dose osmolarity, **A1479**
——, rat, hypersecretion induced by *Staphylococcus aureus* enterotoxin B in, **A1467**
——, ——, normal, mucosal polyamines in, enzymic regulation of, **A1478**
——, short bowel syndrome, calorie absorption, intestinal fluid loss and transit rate in, effect of somatostatin compared with codeine and loperamide, **A739**
——, surgery, effect on pancreas, **A267**
——. *See also* Bowel
Intragastric pH dataloggers for pharmacologic studies, validation of, **A1452**
————, measurement of, aspiration or no aspiration for?, **A1450**
———— monitoring, prolonged, in diagnosis of duodenogastric bile reflux, **A1451**
———— profile, 24-hour, in healed and active duodenal ulcer disease, **A1452**
————, 24-hour, pattern of, affected by timing of evening meal, **A1472**
Intrinsic factor secretion not affected by repeated high oral doses of omeprazole, **A712**
IRELAND, A, *et al.*: High dose methylprednisolone in the treatment of active ulcerative colitis, **A1466**
——, *et al.*: Is an isolated rise in gammaglutamyltranspeptidase an indication for liver biopsy?, **A1460**
IRVIN, I T: Mortality of perforated peptic ulcer, **A1444**
Ischaemic intestine, reperfused, gut peptide release from, role of superoxide radicals in, **A1468**

JAFFE, V, *et al.*: Enhanced survival of hepatocyte implants in bile-duct obstructed rats, **A1463**
JANSEN, J B M J, *et al.*: Effect of longterm treatment with omeprazole on serum pepsinogens in reflux oesophagitis, **A1446**
Jaundice, computer diagnosis with 'Solubile' program, **A1460**
——, obstructive, malignant, stent insertion in, combined percutaneous and endoscopic approach, **A721**
——, ——, —— surgery *v* endoscopic stenting for best management of, **A1493**
Jejunoileal bypass for morbid obesity, colonic hyperplasia after, **A716**
Jejunum, glucose absorption, active, enhanced, in cystic fibrosis, **A1478**
——, ion transport and luminal eicosanoids, modification by dietary fat, **A1459**
——, mucosa of, normal and coeliac, *in vitro* mucus glycoprotein synthesis and secretion in, **A1434**
——, potential difference records, abnormal, in cystic fibrosis, **A1478**
——, water and electrolyte absorption *in vivo*, effect of moderate exercise, **A715**
JENKINS, A P, *et al.*: Efamol is trophic to the rat small intestinal mucosa, **A1467**
JENKINS, S A, *et al.*: Effects of somatostatin and SMS 201-995 on hepatic and systemic haemodynamics in patients with cirrhosis and portal hypertension, **A720**
——, *et al.*: A prospective randomised controlled clinical trial comparing somatostatin and injection sclerotherapy in the control of acute variceal haemorrhage: preliminary results, **A1431**
JENKINSON, L R, *et al.*: Measurement of reflux episodes during intra-oesophageal pH monitoring, **A728**
——, *et al.*: Patterns of acid exposure in reflux oesophagitis, **A706**
JOHNSON, C D, *et al.*: Ethanol and coeliac ganglionectomy in the dog, **A267**
——, *et al.*: An indirect tubeless test of gastric function, **A1452**
JOHNSON, P J, *et al.*: Longterm follow up of patients with chronic active hepatitis maintained in remission on azathioprine alone, **A726**
JUTLEY, J K, *et al.*: Cytosolic retinoic binding protein in human pancreas, **A267**

KAMM, M A, and LENNARD-JONES, J E: Intramural innervation of the internal sphincter is normal in severe idiopathic constipation, **A734**
——, *et al.*: Effect of the menstrual cycle on bowel habit and whole gut transit, **A733**
KANG, J Y, *et al.*: The effect of colloidal bismuth subcitrate on symptoms and gastric histology in non-ulcer dyspepsia – a double-blind placebo-controlled study, **A1440**
KAPHUR, A, *et al.*: Carbohydrate deficient (de-sialyated) transferrin – a specific test for detecting alcohol abuse, **A1495**
KAPUR, B K, and BARDHAN, K D: 24-hour intra-gastric pH profile in healed and in active duodenal ulcer disease, **A1452**
KARAKUCUK, I, *et al.*: Portal and parenchymal macrophage populations in alcoholic liver disease, **A720**
KAWIMBE, B M, *et al.*: An electromyographically derived (anismus) index in pelvic floor outlet obstruction during defaecation straining, **A1487**
KEATING, J, *et al.*: Eicosanoid biosynthesis by peripheral blood leucocytes from alcoholic patients and the *in vitro* response of PBMC to alcohol, **A738**
KEATING, J P, and TAYLOR, I: Diet deficient in linoleic acid reduces gastric and duodenal mucosal eicosanoid synthesis in the rat, **A1467**
KEIGHLEY, M R B, and KMIOT, W: A randomised comparison between the J or W pouch for restorative proctocolectomy, **A705**

KELLY, C P, *et al.*: Hyperglucagonaemia with necrolytic migratory erythema in coeliac disease: a 'pseudoglucagonoma', **A704**

KELLY, D A, *et al.*: Risk factors in gastrointestinal complications in children after orthotopic liver transplantation, **A1476**

KERRIGAN, D D, *et al.*: Chronic constipation is associated with evidence of impaired urethrovesical and sacral reflex function, **A1486**

——, *et al.*: Duodenal pH is neutral in established duodenal ulceration, **A1439**

KIFF, R S, and KINGSTON, R D: Use of blood in patients with large bowel cancer, **A731**

KIRK, S J, *et al.*: Computed tomography in the pretreatment evaluation of oesophageal cancer, **A706**

KITCHINGMAN, G K, *et al.*: Human gastric mucosal bleeding induced by aspirin 300 mg and its prevention by ranitidine, **A711**

KMIOT, W, *et al.*: Breath hydrogen testing: an indicator of small bowel overgrowth following ileoanal pouch formation, **A1467**

——, *et al.*: Ileal mucosal transport: *in vitro*-validation of the 'mini-Ussing' Lauterbach chamber for the study of human intestinal ionic fluxes, **A1480**

KUMAR, D, and WINGATE, D L: Prolonged ileocaecal motor activity in abulant subjects, **A732**

——, *et al.*: Prolonged anorectal mechanical and electrical activity in ambulant human subjects, **A734**

KURIAN, G, *et al.*: Complement dependent antiepithelial cytotoxic antibodies are present in the serum of patients with endemic tropical sprue, **A1468**

LAKE, S P, *et al.*: Successful xenogeneic islet transplantation in the diabetic nude (athymic) rat, **A271**

LAMONT, G L, *et al.*: Rectal mucosal blood flow is increased in proctitis, **A1466**

LANSDOWN, M, *et al.*: High grade dysplasia of the gastric epithelium: an indication for radical gastrectomy?, **A729**

LANZINI, A, *et al.*: Inhibition of postprandial pancreatic enzyme secretion by oral bile acid administration, **A268**

LANZON-MILLER, S, *et al.*: Does the timing of the evening meal affect the pattern of 24 hour intragastric acidity?, **A1472**

LARVIN, M, *et al.*: Impaired clearance of circulating protease anti-protease complexes in severe acute pancreatitis: an important aspect of pathogenesis?, **A269**

Laser light, pulsed, fragmentation of gall stones using, **A1453**

—— lithotripsy in common duct, optimising wavelengths for, **A1487**

—— —— of large bile duct stones under direct vision via peroral choledochoscopy, **A1496**

——, Nd:YAG, palliation of colorectal cancer with, which patients improved?, **A1455**

——, ——, palliative endoscopic treatment of rectosigmoid carcinoma with, **A1454**

——, ——, —— therapy in colorectal carcinoma with, **A702**

—— therapy for inoperable malignant dysphagia improves quality of life?, **A740**

—— —— *v* intubation for longterm palliation of malignant dysphagia, **A1492**

LAURITSEN, K (for DANISH MULTICENTRE STUDY GROUP): Gastric ulcer recurrence after six weeks' treatment with omeprazole and cimetidine – six months' double blind comparative follow-up study, **A1441**

Lauterbach chamber for study of ileal mucosal transport, *in vitro*-validation, **A1480**

LAVELLE-JONES, M, and CUSCHIERI, A: Are adhesions a cause of chronic abdominal pain? Outcome after laparoscopic adhesiolysis, **A704**

——, *et al.*: Chronic pancreatitis: influence of surgical pathology on the choice of operative procedure, **A721**

——, *et al.*: Chronic pancreatitis: a review of the surgical pathology in 32 consecutive cases, **A268**

LECH, Y, and HODGSON, H J F: Immunosuppressive effects of cultured hepatocytes, **A717**

LEESE, T, *et al.*: Multivariate analysis of prognostic markers in acute pancreatitis: can pancreatic collections be predicted?, **A268**

Leucine enkephalin in plasma, increased in liver disease, **A1429**

Leucocyte scintigraphy, ^{111}Indium, for assessment of patients with Crohn's disease unresponsive to therapy, **A1464**

LEVI, S, *et al.*: Long acting somatostatin in carcinoid syndrome, **A714**

LI, Y Y, *et al.*: Acupuncture inhibits the response to sham feeding, **A724**

Linoleic acid, diet deficient in, reduction of gastric and duodenal mucosal eicosanoid synthesis in rat by, **A1467**

Lipid peroxidation, inhibition by sulphasalazine and 5-aminosalicylic acid, **A1481**

——, prefeeding of, effect on energy intake from meal, **A1470**

Lithotripsy, shockwave, extracorporeal, for cholelithiasis, efficacy and cost of, **A1488**

——, ——, ——, for gall bladder stones, initial experience in 20 patients, **A740**

—— with piezoelectric shockwaves for gall stones and tissue interactions, **A721**

LIU, K C, and WRIGHT, N A: Pathway of migration of epithelial cells in human duodenal villi, **A713**

Liver, α_1-antitrypsin granules in, discrete entity?, **A1429**

—— biopsy, isolated rise in γ-glutamyltranspeptidase indication for?, **A1460**

—— blood flow measurement with non-invasive radioisotopic technique, **A725**

—— disease, alcoholic, portal and parenchymal macrophage populations in, **A720**

—— ——, chronic, gall bladder wall thickening in, sign of portal hypertension?, **A1487**

—— ——, ——, selenium in, **A718**

—— ——, investigation by echo planar imaging, **A1429**

—— ——, plasma leucine enkephalin increased in, **A1429**

——, effect of portal venous flow on washout of regionally injected marker from, **A719**

—— failure, acute, paracetamol-induced, serial prothrombin ratios as prognostic indicator in, **A1462**

—— ——, fulminant, candidiasis diagnosis in, importance of IgA antibody to candida in, **A717**

—— hilum stricture, malignant, endoprosthesis for, 171 cases, **A726**

—— membrane phosphorylation by hepatic growth factors, **A1492**

——, rat, adult and neonatal, caeruloplasmin gene expression in, **A1436**

——, ——, copper-laden, effect of carbon tetrachloride, **A1461**

—— transplantation, orthotopic, gastrointestinal complications in children after, risk factors in, **A1476**

—— ——, soluble interleukin 2 receptors in serum and bile after, **A1432**

—— tumour, regional delivery of cytotoxic to, enhanced by biodegradable microspheres?, **A1432**

LOFT, D E, *et al.*: Coeliac proctitis? – a prospective morphometric study, **A1434**

——, *et al.*: Endoscopic evaluation of human colonic blood flow in health and inflammatory bowel disease, **A1491**

——, *et al.*: A new diagnostic test of gluten sensitivity: a prospective study of rectal gluten challenge, **A1469**

LOIZOU, L A, *et al.*: Longterm palliation of malignant dysphagia – laser *v* intubation, **A1492**

——, *et al.*: Palliative endoscopic Nd:YAG laser treatment of rectosigmoid carcinoma, **A1454**

LOKE, R H T, *et al.*: Does HIV infection affect loss of HBeAg among homosexual men with chronic hepatitis B?, **A1464**

LOMBARD, M, *et al.*: Differential expression of the transferrin receptor in liver and gut in hereditary haemochromatosis, **A725**

LONDON, N J M, *et al.*: Admission abdominal CT scan and prediction of severity of acute pancreatitis, **A735**

LONG, D E, *et al.*: Abdominal migraine – a cause of abdominal pain in adults?, **A714**

——, *et al.*: Prognosis for patients presenting with proctosigmoiditis?, **A708**

Lymphocytes, human, chromosome damage *in vitro*, effect of

sulphasalazine and sulphapyridine metabolites, **A708**
——, intestinal mucosal, isolation using recombinant interleukin 2, **A737**
——. *See also* T cell
Lymphoid structures, organised (follicles and aggregates), of human colonic mucosa, **A737**
Lymphomatous polyposis, multiple, of gut, **A715**

M2 autoantigens in primary biliary cirrhosis, **A1431**
MCCORMICK, P A, *et al*.: Variceal bleeding: importance of the time interval between admission and starting point for analysis of survival and rebleeding, **A719**
MCCULLAGH, M, *et al*.: Is there a place for balloon dilatation in the treatment of diffuse oesophageal spasm and related disorders?, **A1446**
MCDONAGH, A J G, *et al*.: Safety of sodium picosulphate/magnesium citrate mixture (Picolax) in the bowel preparation of patients with inflammatory bowel disease, **A1490**
MCFARLANE, B M, *et al*.: Antibodies against the hepatic asialoglycoprotein receptor preferentially coat periportal hepatocytes in the *in situ* perfused rat liver, **A1461**
MACGILCHRIST, A J, *et al*.: Reduced sympathetic reactivity in cirrhosis: evidence for a postreceptor, vascular defect, **A725**
——, *et al*.: Sympathetic activity and atrial natriuretic peptide in cirrhosis, **A1429**
MACINTYRE, I M C, *et al*.: Is highly selective vagotomy obsolete?, **A1444**
MACKAY, J M, *et al*.: Chromosome damage in human lymphocytes *in vitro*: the effect of sulphasalazine and its sulphapyridine metabolities, **A708**
MACMATHUNA, P, *et al*.: Non-invasive diagnosis of portal vein occlusion by radionuclide angiography, **1461**
MADDEN, M V, *et al*.: Does gastrectomy for incurable carcinoma improve quality of life?, **A1445**
MAHIDA, Y R, *et al*.: Antigen presenting activity of mononuclear cells from normal and inflammatory bowel disease mucosa, **A1474**
——, *et al*.: Enhanced interleukin 1-β production by mononuclear cells isolated from inflammatory bowel disease mucosa, **A1464**
Malnutrition and chronic diarrhoea in Gambian infants, comparison of casein hydrolysate formula with standard rehabilitation milk for, **A1476**
——, chronic, in rats, hypersecretory response to cholinergic stimulation in small intestine induced by, **A714**
——, intra-uterine, impairment of development of pancreatic exocrine function in man by, **A1459**
Manning's criteria for irritable bowel syndrome, prospective evaluation, **A1482**
MARPLES, M I, *et al*.: Electromyography of the oesophagus with intraluminal ring electrodes, **A1447**
MASON, R C, *et al*.: Pancreas and gastric carcinogenesis in the rat, **A713**
MATTHEWSON, K, *et al*.: Costing of hospital management of bleeding peptic ulcer patients treated by Nd YAG laser, heater probe, or no endoscopic therapy, **A1489**
MAXTON, D G, *et al*.: Effect of dietary fat on the small intestinal mucosa, **A716**
MAXWELL, W J, *et al*.: Enhanced prostaglandin E2 production by tissue fixed macrophages from colonic tumour, **A731**
Meal, energy intake from, effect of prefeeding lipid, **A1470**
MELEAGROS, L, *et al*.: Role of superoxide radicals in gut peptide release from reperfused ischaemic intestine, **A1468**
MELVILLE, D M, *et al*.: Detection of malignant change in ulcerative colitis by brush cytology of the colon, **A1454**
——, *et al*.: Surveillance in extensive ulcerative colitis improves prognosis without always preventing cancer, **A1494**
Menstrual cycle, effect on bowel habit and whole gut transit, **A733**
Methylprednisolone, high dose, in treatment of active ulcerative colitis, **A1466**
Microvillous atrophy, congenital diagnosis of, new methods, **A1459**
Midazolam sedation for gastroscopy, reversal by flumazenil, **A1489**
Migraine, abdominal, as cause of abdominal pain in adults, **A714**
MILLER, R, *et al*.: Differences in anal sensation in continent and incontinent patients with perineal descent, **A733**
MITCHELL, C J, *et al*.: Guided percutaneous pancreatic biopsy, **A266**
MITCHELL, N, *et al*.: Fragmentation of gall stones using pulsed laser light, **A1453**
MITCHISON, H, *et al*.: Symptom development and prognosis in asymptomatic primary biliary cirrhosis, **A1431**
MOORGHEN, M, *et al*.: A protective effect of sulindac against 1,2 dimethylhydrazine-induced colonic tumours in mice, **A1485**
MORGAN, W P, *et al*.: Conventional versus extended pre-operative staging in rectal carcinoma, **A1483**
MORRAN, C G, and ANDERSON, J R: Palliative Nd-YAG laser therapy in colorectal cancer, **A702**
MORRIS, D L, *et al*.: Comparison between the effects of enprostil and proglumide on a human gastric cancer cell line grown both *in vitro* and as a xenograft, **A737**
——, *et al*.: Somatostatin (SMS 201.995) reduces growth of human gastric cancer (MKN45) xenografts, **A1477**
MÖSSNER, J. *See* FISCHBACH, W, and MÖSSNER, J
MOWAT, A MCI, *et al*.: Role of interferons in immunologically mediated enteropathy, **A1436**
Mucosa(l). *See under* Colon; Gall bladder; Gastric; Intestine, small; Intestines; Jejunum; Oesophagus
Mucus, gastric, glycoprotein synthesis *in vitro*, stimulation by prostaglandin E_2, **A710**
——glycoprotein synthesis and secretion *in vitro* in normal and coeliac jejunal mucosa, **A1434**
MURRAY, A, *et al*.: Optimising wavelengths for common duct laser lithotripsy, **A1487**
MUTIMER, D J, *et al*.: M2 autoantigens in primary biliary cirrhosis, **A1431**

Nalmefene, effects in cirrhosis, **A726**
Naproxene *v* etodolac in rheumatoid arthritis, endoscopic study, **A1443**
Neodymium YAG laser. *See* Laser, Nd:YAG
Neoplasia, colorectal, failure of haemoccult to detect, highlighted by left-sided colonoscopy, **A1483**
——, ——, oncogene expression and proliferation in, **A702**
NEOPTOLEMOS, J P, *et al*.: Results of a prospective randomised trial of ERCP and endoscopic sphincterotomy in acute pancreatitis caused by gall stones, **A266**
——, *et al*.: Role of duodenal bile crystal analysis in the investigation of patients with 'idiopathic' pancreatitis, **A268**
Nephropathy, IgA (Berger's disease), Intestinal musocal enzyme deficiency in, **A1471**
Neutrophils, candidacidal activity in Crohn's disease, **A1465**
NICHOLSON, D A, *et al*.: Second generation shockwave lithotripsy in the management of retained common duct stones after endoscopic sphincterotomy, **A721**
NIGHTINGALE, J M D, *et al*.: Does a somatostatin analogue (Octerotide) reduce the need for parenteral fluids in patients with a short bowel?, **A1434**
Nissen fundoplication and Angelchik anti-reflux prosthesis, comparison of, **A1448**
Nizatidine therapy, 4 weeks', rebound nocturnal hypersecretion after, **A1439**
NOTT, D M, *et al*.: Effect of portal venous flow on the washout of a regionally injected marker from the liver, **A719**
NSAIDs in patients with bleeding and perforated peptic ulcers, retrospective study, **A1443**
——, number of peptic ulcer deaths occurring after prescribing of, **A1443**
——, rheumatoid arthritis patients on, asymptomatic *v* symptomatic gastric ulcers in, **A1443**
——, small intestinal inflammation induced by, treatment of, **A1434**
Nutrition. *See* Enteral nutrition; Parenteral nutrition

Obesity, morbid, jejunoileal bypass for, colonic hyperplasia after, **A716**

O'CONNOR, H J, *et al.*: Effect of bile diversion on *Campylobacter pylori*, **A713**

Octreotide, need for parenteral fluids in patients with short bowel reduced by?, **A1434**

ODERDA, G, *et al.*: *Campylobacter pylori* and serum pepsinogen I in children, **A1460**

——, *et al.*: Non-specific abdominal pain in childhood: can serology detect those with *Campylobacter pylori*-associated gastritis?, **A1475**

O'DONNELL, L J, *et al.*: Pseudo-diarrhoea in the irritable bowel syndrome: patients' records of stool form reflect transit time while stool frequency does not, **A1455**

Oesophageal body peristalsis, expression of normal range of, **A1471**

——pH electrodes, accurate positioning of, **A1450**

——spasm, diffuse, and related disorders, treatment of, place for balloon dilatation?, **A1446**

——sphincter, lower, manometrically determined, comparison with acid/alkaline junction, **A1450**

————, ——, relaxation of, measurement in dysphagia necessary?, **A1448**

——varices. *See* Varices, oesophageal

————, bleeding. *See* Variceal haemorrhage, oesophageal

Oesophagitis, erosive, omeprazole versus ranitidine in, results of French-Belgian multicentre study, **A711**

——, 5-year review of, **A1450**

——, peptic, alkaline intra-oesophageal pH in, really caused by gastro-oesophageal reflux?, **A706**

——, ——, ranitidine therapy in, trial with doubling of dose or duration of treatment, **A1446**

——, reflux. *See* Reflux oesophagitis

Oesophagus, Barrett's, clinical spectrum and surveillance of patients in, **A729**

——, ——, screening for colonic cancer in, **A1491**

——, bile pH and concentration in, **A728**

——, carcinoma of, computed tomography in pretreatment evaluation of, **A706**

——, ————, squamous cell, 'inoperable', survival in, effect of added radiotherapy compared with endoscopic intubation alone, **A1449**

——, ————, survival after treatment in, population based study, **A1449**

——, ————, Transkei epidemiological study, **A1471**

——, contractions, amplitude of, increased in healthy volunteers by hyperventilation, **A1447**

——, electromyography with intraluminal ring electrodes, **A1447**

——, function, affected by acute stress, **A1491**

——, manometry during eating in investigation of dysphagia, **A1448**

——, middle, diverticula of, aetiology, **A729**

——, motility, improvement after surgical treatment of gastro-oesophageal reflux?, **A1448**

——, motor abnormalities, occurrence in proven coronary artery disease, **A1447**

——, mucosal cells, cytopathic effects of pepsin modified by bile acids?, **A1451**

——, peristaltic reflex in assessment of motility disorders, **A1447**

——, pH monitoring, ambulatory, 24 hour, reproducibility of, **A723**

——, ————, measurement of reflux episodes during, **A728**

——, ————, post-prandial, 6 hour, as test for gastrooesophageal reflux in childhood, **A1475**

——, ————, 24 hour, establishment of normal ranges in volunteers for, **A1449**

——, ulcer, chronic, after injection sclerotherapy, omeprazole in management of, **A728**

Oestradiol and oestramustine, effects on gastrointestinal cell lines, cell kinetic study, **A1479**

O'HANRAHAN, T, *et al.*: Oesophageal peristaltic reflex – its application in the assessment of motility disorders, **A1447**

OLIVER, S E, *et al.*: Oesophageal cancer: a population based study of survival after treatment, **A1449**

——, *et al.*: What does radiotherapy add to survival over endoscopic intubation alone for 'inoperable' squamous cell oesophageal cancer?, **A1449**

Olsalazine versus sulphasalazine in first attacks of ulcerative colitis, trial of, **A705**

Omeprazole abolition of aspirin-induced gastric mucosal injury, **A1442**

——and cimetidine treatment, 6 weeks', gastric ulcer recurrence after, 6 months' comparative follow-up study, **A1441**

——faster than cimetidine for ulcer healing and symptom relief in gastric ulcer, **A1440**

——in management of chronic oesophageal ulceration after injection sclerotherapy, **A728**

——, intravenous, effects on serum pepsinogens, serum gastrin and intragastric pH, **A1440**

——, intrinsic factor secretion not affected by repeated high oral doses, **A712**

——prevention of aspirin induced gastric lesions in healthy subjects, **A712**

——treatment, longterm, effect on serum pepsinogens in reflux oesophagitis, **A1446**

————of refractory peptic ulcer, **A724**

————of ultra refractory duodenal ulcer, **A712**

——(40 mg od) vs cimetidine (400 mg qds) in treatment of erosive reflux oesophagitis, comparative study, **A1440**

——versus ranitidine in erosive oesophagitis, results of French-Belgian multicentre study, **A711**

O'MORAIN, C, *et al.*: Antibiotics potentiates colloidal bismuth subcitrate effect in peptic ulcer disease, **A1439**

Ovalbumin hydrolysate, short chain, parenteral utilisation of, **A715**

Oxidant stress, antioxidant supply and recurrent pancreatitis, **A720**

Pancreas and gastric carcinogenesis in rat, **A713**

——, biopsy, percutaneous, guided, **A266**

——, carcinoma of, duration of survival in, prediction by CA195 tumour marker, **A1457**

——, effect of intestinal operations, **A267**

——, exocrine function after gastrectomy, assessment of, **A1457**

——, ————, development of, impairment by intra-uterine malnutrition in man, **A1459**

——, human, cytosolic retinoic binding protein in, **A267**

Pancreatic adenomas, induction by duodenogastric reflux, **A1457**

——disease, benign, distal pancreatic resection in, **A1458**

————, starch digestion in, $^{13}CO_2$ breath test for study of, **A735**

——enzyme secretion, postprandial, inhibition by oral bile acid administration, **A268**

——islet transplantation, endocrine function in, and effect on secondary diabetic complications in dogs, **A271**

——————, longterm metabolic follow up using different autograft preparations and effect on diabetic dogs, **A271**

——————, prolonged canine allotransplant survival with cyclosporin A, **A271**

——————, xenogeneic, successful, in diabetic nude (athymic) rat, **A271**

——pseudocysts in children, **A267**

Pancreatic Society of Great Britain and Ireland: 12th Annual Meeting, **A265**

Pancreatitis, acute, assessment and monitoring by APACHE II scoring system, **A1456**

——, ——, caused by gall stones, ERCP and endoscopic sphincterotomy in, results of trial, **A266**

——, ——, changing incidence and mortality in, **A1457**

——, ——, experimental, intraperitoneal antiprotease therapy in, **A270**

——, ——, objective monitoring of, value of C-reactive protein and antiproteases in, **A269**

——, ——, prediction of severity and admission abdominal CT scan, **A735**

——, ——, prognostic markers in, multivariate analysis of, and

prediction of pancreatic collections, **A268**
——, ——, severe, depressed mononuclear phagocyte function in, **A270**
——, ——, ——, pathogenesis of, and impaired clearance of circulating protease-antiprotease complexes, **A269**
——, chronic, exocrine and endocrine function in, relation to pancreatic surgery, **A1458**
——, ——, influence of surgical pathology on choice of operative procedure, **A721**
——, ——, surgery for, incidence of hepatobiliary complications in patients undergoing, **A266**
——, ——, surgical pathology of, review of 32 cases, **A268**
——, haemorrhagic, acute, experimental, in rat, mortality reduced by exchange transfusion, **A270**
——, ——, necrotising, acute, bile-salt/lysolecithin induced model of, **A265**
——, hyperstimulation-induced, initiation in mice, prophospholipase A and trypsinogen activation not responsible for, **A265**
——, 'idiopathic', investigation of, role of duodenal bile crystal analysis in, **A268**
——, necrotising, acute, plasma exchange for, **A269**
——, recurrent, oxidant stress and antioxidant supply, **A720**
Pancreatoduodenectomy, conventional and pylorus preserving, gastric function after, **A265**
PACE, F, *et al*.: Ranitidine therapy in peptic oesophagitis: doubling the dose or duration of treatment?, **A1446**
Pain, abdominal, chronic, adhesions as cause of, with outcome after laparoscopic adhesiolysis, **A704**
PANAYOTOU, J, *et al*.: Six hour post-prandial pH monitoring: an adequate test for gastro-oesophageal reflux in childhood, **A1475**
Papillomavirus, human, and anal cancer, **A1482**
Parenteral nutrition, home, selection, organisation, and follow up of children on, **A1493**
—— ——, ——, selenium deficiency in patients on, detection of, **A1471**
—— ——, total, efficacy of amino acid solutions in, affected by glycine content?, **A1469**
—— ——, ——, metabolic study, **A1471**
—— ——, ——, polyurethane catheters as alternative to silicone for, **A716**
Parietal cells, guinea pig, isolated, acid production by, effect of *Campylobacter pylori*, **A1435**
PARK, R H R, and RUSSELL, R I: Blood transfusion – primary therapy for inflammatory bowel disease?, **A709**
——, *et al*.: Practical aspects of home enteral nutrition, **A1470**
PARKER, M C, *et al*.: Plasma exhange for acute necrotising pancreatitis: a preliminary report, **A269**
PARKER, S G, *et al*.: Acute phase induction of alkaline phosphatase in rat hepatocytes in primary culture, **A717**
PARR, N, *et al*.: Effect of refeeding on gastric emptying of a nutrient liquid, **A737**
PATCHETT, S, *et al*.: Assessment of the fibrinolytic activity of gastric juice, **A1435**
——, *et al*.: Colonoscopic surveillance after surgery for colorectal cancer?: a rational approach, **A1483**
Patient education, value of BSG/BDF patient information leaflets, **A730**
PEARSON, R C, *et al*.: Reversal of midazolam sedation for gastroscopy by flumazenil, **A1489**
Pelvic floor outlet obstruction during defecation straining, electromyographically derived (anismus) index in, **A1487**
—— —— repair, posterior, for outlet obstruction constipation (obstructed defecation), **A1456**
PENAGINI, R, *et al*.: Alkaline intra-oesophageal pH in peptic oesophagitis: is it really caused by gastro-oesophageal reflux?, **A706**
Peppermint oil, oral preparations of, colonic motility in irritable bowel syndrome affected by?, **A1481**
Pepsinogen I, serum levels, and *Campylobacter pylori* in children, **A1460**
Peptic activity in refluxate of patients with uncomplicated gastro-oesophageal reflux, **A1451**
—— oesophagitis, alkaline intra-oesophageal pH in, really caused by gastro-oesophageal reflux?, **A706**
—— ——, ranitidine therapy in, trial with doubling of dose or duration of treatment, **A1446**
—— ulcer, bleeding, heater probe in, trial of, **A701**
—— ——, ——, intragastric fibrinolysis and tryptic activity in, **A1443**
—— ——, ——, outcome of, effect of defined policy for management of, **A1472**
—— ——, ——, patients treated by Nd YAG laser, heater probe or no endoscopic therapy for, costing of hospital management of, **A1489**
—— —— deaths, number occurring at home or after prescribing of NSAIDs, **A1443**
—— ——, effect of De-Nol potentiated by antibiotics, **A1439**
—— ——, perforated, mortality of, **A1444**
—— ——, refractory, omeprazole treatment of, **A724**
—— ——, sickle cell disease as cause of, **A1438**
—— ulcers, bleeding and perforated, NSAIDs in patients with, retrospective study, **A1443**
Peptide histidine methionine and neurotensin, secretory activity in rat small intestine matches distribution, **A739**
—— —— ——, ileostomy output increase by, **A716**
PEREIRA, M M C, *et al*.: Chronic malnutrition in rats induces a hypersecretory response to cholinergic stimulation in the small intestine, **A714**
——, *et al*.: Proximal duodenal secretion in the acutely undernourished rat, **A1467**
Perineal descent, anal sensation differences in continent and incontinent patients with, **A733**
Phagocytes, mononuclear, depressed function in severe acute pancreatitis, **A270**
Pharmacologic studies, pH dataloggers for, validation of, **A1452**
Picolax (sodium picosulphate/magnesium citrate mixture) for bowel preparation in inflammatory bowel disease, safety of, **A1490**
Pirenzepine and ranitidine combined in treatment of duodenal ulcer, **A1439**
Plasma exchange for acute necrotising pancreatitis, **A269**
Plasminogen activator measurements, application to endoscopic biopsies as markers of gastrointestinal malignancy, **A1485**
—— activators, role in colonic carcinogenesis, **A1455**
PLEVRIS, J N, *et al*.: Evidence of acid secretion by the human gall bladder mucosa *in vitro*, **A1435**
Polyamines, mucosal, in normal rat intestine, enzymic regulation of, **A1478**
POLYDOROU, A, *et al*.: Indications and outcome of choledochoduodenostomy in 96 cases, **A736**
POLYDOROU, A, *et al*.: Endoprosthesis for malignant liver hilum stricture: report of 171 cases, **A726**
——, *et al*.: Needle knife sphincterotomy – an initial experience, **A1490**
——, *et al*.: Up and down the bile duct: improved success for endoscopic stenting of malignant biliary obstruction using the combined percutaneous-endoscopic approach, **A1488**
Polyposis, adenomatous, familial, foregut screening in, **A1445**
——, lymphomatous, multiple, of gut, **A715**
PONZ DE LEON, M, *et al*.: Familial aggregation of tumours of the large bowel, **A1486**
Portal bypass, down-regulation of cytochrome P-450 *UT-A* in male rats with, **A1462**
—— hypertension and cirrhosis, hepatic and systemic haemodynamics in, effects of somatostatin and SMS 201-995, **A720**
—— ——, gastric mucosal blood flow in, **A1461**
—— vein occlusion, non-invasive diagnosis by radionuclide angiography, **A1461**
—— venous flow, effect on washout of regionally injected marker from liver, **A719**
POSTON, G J, *et al*.: Effect of age on small bowel adaptation and

growth after proximal enterectomy, **A1468**
Prednisolone, granulocyte migration to inflamed bowel in inflammatory bowel disease *in vivo* not delayed by, **A707**
PREEDY, V R, and PETERS, T J: Are alcohol-induced disturbances in small-bowel motility due to a preferential loss of smooth-muscle apparatus?, **A1433**
——, *et al.*: Effect of ethanol on the small intestine of the rat, **A715**
PRICHARD, P J, *et al.*: Use of endoscopy and blood measurement to show dose dependent protection of human gastric mucosa by famotidine against aspirin, **A729**
Proctitis, associated with coeliac disease in prospective morphometric study?, **A1434**
——, defunctioned, diagnostic dilemma with, **A1454**
——, increased rectal mucosal blood flow in, **A1466**
Proctocolectomy, conservative, option in ulcerative colitis?, **A1474**
——, restorative, comparison between J and W pouch for, **A705**
——, ——, motor function after, factors influencing, **A702**
——, ——, with ileal reservoir, ileal reservoir inflammation (pouchitis) after, **A1486**
Proctosigmoiditis, prognosis for patients presenting with, **A708**
Prophospholipase A and trypsinogen activation not responsible for initiation of hyperstimulation pancreatitis in mice, **A265**
Prostaglandin E, endogenous, secretion failure in duodenal ulcer, **A709**
—— E2 and carbopol protection against gastric mucosal injury in human model, **A1442**
—— —— stimulation of gastric mucus glycoprotein synthesis *in vitro*, **A710**
Prostaglandins and gastric epithelium, trophic effects of misoprostol on gastric epithelial cell proliferation in dog, **A738**
——, gastric, endogenous, gastric mucosa not protected by, **A1473**
——, role in indomethacin induced increased small intestinal permeability, **A1493**
Prostanoid release, intrajejunal, in response to deoxicholic acid, adaptative intestinal mechanism to irritative stimuli?, **A1465**
Protease-antiprotease complexes, circulating, impaired clearance of, and pathogenesis of severe acute pancreatitis, **A269**
Prothrombin ratios, serial, as prognostic indicator in paracetamol-induced acute liver failure, **A1462**
Pruritus, biliary, chronic, evening primrose oil in, **A718**
—— in primary biliary cirrhosis, diethylaminoethyldextran for, trial of, **A1463**
Pseudocysts, pancreatic, in children, **A267**
Psychological treatment in irritable bowel syndrome, trial of, **A1481**
Psychometric deficits and MRI brain scan abnormalities in non-encephalopathic patients with cirrhosis, **A1463**
PULLICINO, E, and ELIA, M: Total parenteral nutrition: a metabolic study, **A1471**
PUNCHARD, N A, *et al.*: Inhibition of lipid peroxidation by sulphasalazine and 5-aminosalicylic acid, **A1481**
PUNTIS, J W L, *et al.*: Intra-uterine malnutrition impairs the development of pancreatic exocrine function in man, **A1459**

QUADER, K, and LOGAN, R F A: Peptic ulcer deaths: how many occur at home or after non-steroidal anti-inflammatory drug prescribing?, **A1443**

Radionuclide angiography in non-invasive diagnosis of portal vein occlusion, **A1461**
RAIMUNDO, A H, *et al.*: Colonic inflow and small bowel motility during intraduodenal enteral nutrition, **A1469**
RAJAGOPAL, S, *et al.*: Predictive value of computed tomography scanning of the gall bladder in determining gall stone type, **A1487**
Ranitidine and pirenzepine combined in treatment of duodenal ulcer, **A1439**
—— therapy in peptic oesophagitis, trial with doubling of dose or duration of treatment, **A1446**
RAO, S S C, *et al.*: Olsalazine versus sulphasalazine in first attacks of ulcerative colitis: a double blind study, **A705**
RATHBONE, B J, *et al.*: Mucosal T-cell subsets in normal gastric antrum and *C pylori*-associated chronic gastritis, **A1438**
——, *et al.*: Symptomatology in *C pylori*-positive and -negative non-ulcer dyspepsia, **A1473**
Rectal gluten challenge as diagnostic test of gluten sensitivity, **A1469**
—— mucosal blood flow, increase in proctitis, **A1466**
Rectosigmoid carcinoma, palliative endoscopic Nd:YAG laser treatment of, **A1454**
Rectum, carcinoma of, colo-anal anastomosis with colonic reservoir and excision of anal mucosa for, functional results, **A1483**
——, —— ——, conventional *v* extended pre-operative staging in, **A1483**
——, defunctioned, adaptation of, **A732**
REES, R G P, *et al.*: Does glycine content affect the efficacy of amino acid solutions in TPN?, **A1469**
Reflux, duodenogastric, diagnosis of, prolonged intragastric pH monitoring in, **A1451**
——, ——, induction of pancreatic adenomas by, **A1457**
——, enterogastric, chronic, gastrotoxicity of acute bile acid challenge in rat increased by, **A1477**
—— episodes, measurement during intra-oesophageal pH monitoring, **A728**
——, gastrooesophageal, and respiratory function, simultaneous monitoring in near miss cot death infants, **A1446**
——, ——, assessment by combined pH monitoring, **A1449**
——, ——, in childhood, 6 hour post-prandial pH monitoring as test for, **A1475**
——, ——, postprandial, monitoring of, ambulatory cadmium telluride detector in, **A1451**
——, ——, surgical treatment of, improvement in oesophageal motility after?, **A1448**
——, ——, tryptic and peptic activity in oesophageal refluxate, **A1472**
——, ——, uncomplicated, peptic activity in refluxate of patients with, **A1451**
—— oesophagitis, acid exposure patterns in, **A706**
—— ——, erosive, omeprazole (40 mg od) vs cimetidine (400 mg qds) in treatment of, comparative study, **A1440**
—— ——, serum pepsinogens in, effect of longterm omeprazole treatment, **A1446**
—— —— with and without complications, acid sensitivity in, **A728**
Rehydration solution, oral, hypotonic, evaluation in mammalian models, **A1470**
—— solutions, oral, efficacy of, rat model of rotavirus infection for study of, **A1476**
—— ——, ——, in acute cholera, gastric emptying rate of, **A703**
Respiratory function after injection sclerotherapy, **A719**
—— —— and gastrooesophageal reflux, simultaneous monitoring in near miss cot death infants, **A1446**
Rheumatoid arthritis, naproxene *v* etodolac in, endoscopic study, **A1443**
—— —— patients on NSAIDs, asymptomatic *v* symptomatic gastric ulcers in, **A1443**
RILEY, S A, *et al.*: Small intestinal drug absorption: influence of anatomical site and perfusate composition, **A714**
——, *et al.*: Studies of gastrointestinal drug absorption, **A1433**
——, *et al.*: Why do patients with ulcerative colitis relapse?, **A1473**
ROBERTSON, C S, *et al.*: Accurate positioning of pH electrodes, **A1450**
ROBERTSON, D A F, and SMITH, C L: Screening for colonic cancer in patients with Barrett's oesophagus, **A1491**
——, *et al.*: Acute stress affects oesophageal function, **A1491**
——, *et al.*: Experience with a combined percutaneous and endoscopic approach to stent insertion in malignant obstructive jaundice, **A721**
RODRIGUES, C A, *et al.*: Effect of somatostatin compared with codeine and loperamide on calorie absorption, intestinal fluid loss and transit rate in the short bowel syndrome, **A739**
ROGERS, J, and MISIEWICZ, J J: Fully automated computer analysis of intracolonic pressures, **A701**
——, *et al.*: Cephalic phase of colonic motility, **A1455**
——, *et al.*: Does postprandial increase in sigmoid colonic motility

cause transit of colonic contents?: a combined manometric and scintigraphic study, **A1482**
——, *et al.*: Validation of the motor and sensory tests of anorectal function: a repeatability study, **A1456**
ROGERS, M, *et al.*: Can use of the Grassi test reduce the prevalence of recurrent ulceration after highly selective vagotomy for refractory duodenal ulcer?, **A713**
——, *et al.*: Is suppression of nocturnal acid important for the healing of duodenal ulcers?, **A710**
ROGERS, M J, *et al.*: Antral size, acid secretion and the integrated gastrin response to food, **A1450**
——, *et al.*: Measurement of intragastric pH: to aspirate or not to aspirate?, **A1450**
——, *et al.*: Why refractory ulcers do not heal, **A1441**
ROKKAS, T, *et al.*; Early gastric carcinoma with particular reference to the significance of intestinal metaplasia as a marker of increased cancer risk, **A1472**
——, *et al.*: Enzymic regulation of mucosal polyamines in normal rat intestine, **A1478**
Rotavirus diarrhoea, experimental, in rat, characterisation of, **A1433**
——infection, rat model for study of efficacy of oral rehydration solutions, **A1476**
ROUILLON, J M, *et al.*: Modulation of intestinal tone by visceral reflexes in man, **A1432**
ROWE, P H, *et al.*: Effects of cytochalasin B and colchicine on colonic restitution, **A1484**
RYAN, T D, *et al.*: Efficacy and cost of extracorporeal shock wave lithotripsy for cholelithiasis, **A1488**

SAGAR, P M, and BENSON, E A: Oesophageal cancer – an epidemiological study in Transkei, **A1471**
SAGHER, F A, *et al.*: Modification of jejunal ion transport and luminal eicosanoids by dietary fat, **A1459**
SALIM, A F M, *et al.*: Characterisation of experimental rotavirus diarrhoea in rat, **A1433**
——, *et al.*: Experimental rat rotavirus infection: a new animal model for studying efficacy or oral rehydration solutions, **A1476**
SAMUELS, T A, *et al.*: Respiratory function after injection sclerotherapy, **A719**
SANDERSON, I R, *et al.*: Congenital microvillous atrophy, new methods of diagnosis, **A1459**
SANDERSON, J D, *et al.*: An audit of gastro-intestinal unit admissions in a district general hospital: lower mortality in upper gastro-intestinal haemorrhage, **A1444**
SANDLE, G I: Segmental variability of aldosterone induced sodium transport in human colon, **A738**
SAVERYMUTTU, S H, *et al.*: Can ultrasound detect gastroduodenal disease?, **A1453**
——, *et al.*: Distinction between Crohn's colitis and ulcerative colitis by ^{111}Indium granulocyte scanning, **A707**
——, *et al.*: Gall bladder wall thickening in chronic liver disease – a new sign of portal hypertension?, **A1487**
——, *et al.*: How good are clinical, laboratory, and scan assessments for monitoring inflammatory activity in Crohn's disease?, **A708**
——, *et al.*: Prednisolone fails to delay granulocyte migration to inflamed bowel in inflammatory bowel disease *in vivo*, **A707**
SAYFAN, J, *et al.*: The next operation for Crohn's disease will not be needed sooner if strictureplasty is used rather than resection, **A1466**
SCHOEMAN, M, *et al.*: Natural history of chronic non-A, non-B hepatitis: immunosuppressive therapy may accelerate disease progression, **A1430**
SCHOLEFIELD, J H, *et al.*: Anal cancer and the human papillomavirus, **A1482**
Sclerotherapy, injection, and somatostatin in control of acute variceal haemorrhage, comparative trial, preliminary results, **A1431**
——, ——, respiratory function after, **A719**
——, prophylactic, for oesophageal varices in England, trial and interim analysis of 103 patients, **A1430**
——, variceal, response of mediastinum to, **A719**
SCOTT, A D, *et al.*: Results of anal sphincter repair in Crohn's disease, **A705**
SCOTT, B B, and ATKINSON, M: Endoscopy in the Trent region, **A1454**
——, *et al.*: Predicting infective colitis: a quantitative and statistical approach to the diagnosis of acute colitis on rectal biopsy, **A1473**
SCRATCHERD, T, and GRUNDY, D: Control of gastric peristalsis, **A1477**
SELDEN, A C, *et al.*: Liver membrane phosphorylation by hepatic growth factors, **A1492**
Selenium deficiency, detection in patients on home parenteral nutrition, **A1471**
——in chronic liver disease, **A718**
SEPPLE, C P, and READ, N W: Investigation into the physiological mechanisms that determine the development of hunger in man, **A1491**
——, *et al.*: Effect of prefeeding lipid on energy intake from a meal, **A1470**
Seromyotomy, anterior lesser curvature, with posterior truncal vagotomy for chronic duodenal ulcer, advantages of, **A1444**
SHAFFER, J L, *et al.*: Does somatostatin analogue (SMS 201-995) reduce high output stoma effluent?: a controlled trial, **A1432**
——, *et al.*: How can selenium deficiency be detected in patients on home parenteral nutrition?, **A1471**
Sham feeding, response to, inhibition by acupuncture, **A724**
SHANKAR, S, and RUSSELL, R C G: Distal pancreatic resection in benign pancreatic disease, **A1458**
SHORE, C W, *et al.*: Simultaneous monitoring of gastrooesophageal reflux and respiratory function in near miss cot death infants, **A1446**
SHORROCK, C J, and REES, W D W: Comparison of indomethacin and fenbufen on morphology and blood flow in human gastric mucosa, **A1492**
——, *et al.*: Effect of enprostil on bicarbonate secretion in amphibian and human stomach, **A1442**
——, *et al.*: Effect of sucralfate on human gastric bicarbonate secretion and luminal PGE$_2$ output, **A710**
SHORROCK, K, *et al.*: Prophospholipase A and trypsinogen activation are not responsible for the initiation of hyperstimulation pancreatitis in mice, **A265**
Sialomucin at resection margin, patients at risk of local recurrence of colorectal cancer identified by, **A1495**
Sickle cell disease as cause of peptic ulceration, **A1438**
Sigmoid colon, motility, postprandial increase in, as cause of transit of colonic contents, manometric and scintigraphic study, **A1482**
SMART, C J, *et al.*: Further studies on the possible role of human adenovirus 12 and gluten sensitivity, **A716**
——, *et al.*: Organised lymphoid structures (follicles and aggregates) of human colonic mucosa, **A737**
SMART, H L, *et al.*: Measurement of liver blood flow using a new, non-invasive radioisotopic technique, **A725**
——, *et al.*: Primary biliary cirrhosis – its prevalence and variceal haemorrhage, **A1463**
SMEDLEY, F H, *et al.*: Non steroidal anti-inflammatory drugs: retrospective study of bleeding and perforated peptic ulcers, **A1443**
SMETHURST, P, *et al.*: Intestinal permeability: osmolarity revisited, **A1479**
SMITH, A C, *et al.*: A comparison of ranitidine and tripotassium dicitratobismuth in relapse rates of duodenal ulcer: the role of *Campylobacter pylori*, **A711**
SMITH, H L, *et al.*: Epigastric impedance studies: a clinically useful method of measuring gastric emptying in children, **A1475**
SMITH, J A, *et al.*: Basolateral membrane enzymes in coeliac disease, **A1436**
Smoking, cessation of, predisposes to ulcerative colitis by reducing colonic mucus production?, **A704**
SMS 201-995, high output stoma effluent reduced in trial by?, **A1432**
—— ——reduction of growth of human gastric cancer (MKN45) xenografts, **A1477**
SNOOK, J A, *et al.*: Anti-neutrophil nuclear antibody in inflammatory

bowel disease and primary sclerosing cholangitis, **A1494**

SOBALA, G M, *et al.*: First measurement of gastric juice ascorbic acid levels, **A1477**

Sodium transport in human colon induced by aldosterone, segmental variability of, **A738**

Somatostatin analogues. *See* Octreotide; SMS 201-995

——and injection sclerotherapy in control of acute variceal haemorrhage, comparative trial, preliminary results, **A1431**

——, effect on calorie absorption, intestinal fluid loss and transit rate in short bowel syndrome, comparison with codeine and loperamide, **A739**

——for control of variceal bleeding, trial of, **A1495**

——, long acting, in carcinoid syndrome, **A714**

Sphincter, anal, repair in Crohn's disease, results of, **A705**

——, internal, intramural innervation of, normal in severe idiopathic constipation, **A734**

——, oesophageal, lower, manometrically determined, comparison with acid/alkaline junction, **A1450**

——, ——, ——, relaxation of, measurement in dysphagia necessary?, **A1448**

Sphincterotomy, endoscopic, safety and success rate in 1980s, **A1489**

——, needle knife, initial experience of, **A1490**

SPIGELMAN, A D, *et al.*: Foregut screening in familial adenomatous polyposis, **A1445**

SPOKES, R A, *et al.*: Secretory activity of peptide histidine methionine and neurotensin in rat small intestine closely match their distribution, **A739**

Sprue, tropical, endemic, complement dependent antiepithelial cytotoxic antibodies in serum in, **A1468**

SPYCHAL, R, *et al.*: Reduced hydrophobicity of gastric mucosa in duodenal ulcer, **A707**

Squamous cell oesophageal cancer, 'inoperable', survival in, effect of added radiotherapy compared with endoscopic intubation alone, **A1449**

Staphylococcus aureus enterotoxin B, hypersecretion in rat intestine induced by, **A1467**

STAPLEFORD, P, *et al.*: Selection, organisation, and follow up of children on home parenteral nutrition, **A1493**

Starch digestion in normal subjects and in pancreatic disease, $^{13}CO_2$ breath test for study of, **A735**

——microspheres, biodegradable, regional delivery of cytotoxic to hepatic tumour enhanced by?, **A1432**

STEVENS, F M, *et al.*: Intestinal mucosal enzyme deficiency in IgA nephropathy (Berger's disease), **A1471**

STEWART, I, *et al.*: Effect of intestinal operations on the pancreas, **A267**

STOCK, S E, *et al.*: Postoperative fatigue – even more real than apparent, **A1470**

STOKER, D L, *et al.*: Comparison of the acid/alkaline junction with the manometrically determined lower oesophageal sphincter, **A1450**

——, *et al.*: Oesophagitis – a five year review, **A1450**

——, *et al.*: The pH and concentration of bile in the oesophagus, **A728**

——, *et al.*: Tryptic and peptic activity in oesophageal refluxate, **A1472**

Stoma effluent, high output, reduced by SMS 201-995 in trial?, **A1432**

Stomach, amphibian and human, bicarbonate secretion in, effect of enprostil, **A1442**

Stomach-to-caecum transit. *See* Gastrointestinal transit

Stones. *See* Calculi

Stress, acute, oesophageal function affected by, **A1491**

Sucralfate, effect on gastric bicarbonate secretion and luminal PGE_2 output, **A710**

——*v* H_2-antagonists in duodenal ulcer non-responders to initial sucralfate, **A1442**

Sulindac, protective effect against 1,2 dimethylhydrazine-induced colonic tumours in mice, **A1485**

SULLIVAN, P B, *et al.*: A comparison of a casein hydrolysate formula with a standard rehabilitation milk in the management of chronic diarrhoea and malnutrition in Gambian infants, **A1476**

——, *et al.*: Diagnosis of *Giardia* infection in the tropics, **A1476**

——, *et al.*: Immunopathologic aspects of small intestinal mucosae in Gambian children with chronic diarrhoea-malnutrition syndrome, **A1433**

Sulphasalazine and 5-aminosalicylic acid inhibition of lipid peroxidation, **A1481**

——and sulphapyridine metabolites and chromosome damage in human lymphocytes *in vitro*, **A708**

——versus olsalazine in first attacks of ulcerative colitis, trial of, **A705**

SUN, W M, *et al.*: Spontaneous anal relaxation – a cause of faecal incontinence?, **A1486**

——, *et al.*: What is the role of vascular pressure in high anal pressure in patients with haemorrhoids?, **A1486**

SUNDERLAND, G T, *et al.*: What is normal gall bladder emptying?, **A720**

Superoxide radicals, role in gut peptide release from reperfused ischaemic intestine, **A1468**

Surface vibration analysis in detection of partial gastrointestinal obstruction, **A1480**

SUTTON, G L, *et al.*: Polyurethane catheters as an alternative to silicone in total parenteral nutrition, **A716**

SWAIN, C P, and GLYNN, M J: Endoscopic gastrostomy, **A1489**

SWITALA, S F, *et al.*: Depressed mononuclear phagocyte function in severe acute pancreatitis, **A270**

Sympathetic activity and atrial natriuretic peptide in cirrhosis, **A1429**

——reactivity, reduction in cirrhosis as evidence for postreceptor, vascular defect, **A725**

T cell immunoregulation of mucosal Ig secretion in coeliac disease, **A739**

TALBOT, R W, *et al.*: Conservative proctocolectomy – is it an option in ulcerative colitis?, **A1474**

TALLEY, N J, *et al.*: Prospective evaluation of Manning's criteria for irritable bowel syndrome, **A1482**

——, *et al.*: Specific 5-HT_3 receptor antagonist (GR-38032) slows colonic transit and reduces neurotensin response in man, **A1480**

TAYLOR, D H, and MORRIS, D L: A comparison of albendazole, mebendazole, and praziquantel in echinococcus multilocularis, **A1464**

——, *et al.*: Chemotherapy of *Echinococcus multilocularis*, **A718**

TAYLOR, O M, *et al.*: The tumour marker CA195 predicts duration of survival in pancreatic cancer, **A1457**

TAYLOR, P R, *et al.*: Is gastric carcinogenesis mediated by changes in ornithine decarboxylase activity and polyamine concentrations?, **A1445**

——, *et al.*: Pancreatic adenomas are induced by duodenogastric reflux, **A1457**

TAYLOR, T, *et al.*: The effect of hysterectomy on bowel function, **A1482**

TAYLOR, T V, *et al.*: Advantages of anterior lesser curvature seromyotomy with posterior truncal vagotomy for chronic duodenal ulcer, **A1444**

TEAHON, K, *et al.*: Eleven years' experience of elemental diet in acute Crohn's disease, **A1474**

THOMAS, D M, and FILIPE, M I: Dysplasia in ulcerative colitis – an assessment of Riddell's classification, **A708**

THOMAS, J, *et al.*: *Campylobacter pylori* gastritis in children – a common cause of symptoms?, **A707**

THOMPSON, D G, *et al.*: Non-invasive assessment of antral motor function by high resolution real-time ultrasound in normal subjects and functional dyspeptic patients, **A1452**

THORNTON, J R, and LOSOWSKY, M S: Effects of nalmefene in cirrhosis, **A726**

——, ——: Plasma leucine enkephalin is increased in liver disease, **A1429**

THOW, J C, *et al.*: Exocrine and endocrine function in chronic pancreatitis: relation to pancreatic surgery, **A1458**

THULUVATH, P J, and TRIGER, D R: Selenium in chronic liver disease, **A718**

——, *et al.*: Evening primrose oil in chronic biliary pruritus, **A718**

TOBIN, M V, *et al.*: Prostaglandin E_2 stimulates gastric mucus glycoprotein synthesis *in vitro*, **A710**

TOMLIN, J, and READ, N W: Effects of inert plastic particles on human colon function, **A1481**

Transferrin, carbohydrate deficient (de-sialyated) as specific test for alcohol abuse, **A1495**

—— receptor in liver and gut in hereditary haemochromatosis, differential expression of, **A725**

Transplantation of liver. *See* Liver transplantation

——, pancreatic islet. *See* Pancreatic islet transplantation

TRIGER, D R, *et al.*: Controlled trial of prophylactic sclerotherapy for oesophageal varices in England: interim analysis of 103 patients, **A1430**

Tripotassium dicitrato bismuthate. *See* De-Nol

Trypsinogen and prophospholipase A activation not responsible for initiation of hyperstimulation pancreatitis in mice, **A265**

Tumour, hepatic, regional delivery of cytotoxic to, enhanced by biodegradable microspheres?, **A1432**

—— marker, CA 72-4 compared with CA 19-9 and CEA as, **A1445**

Tumours, anastomotic, fewer, in defunctioned colon, link between adaptation and carcinogenesis?, **A732**

——, colonic, 1,2 dimethylhydrazine-induced, in mice, protective effect of sulindac against, **A1485**

——, ——, enhanced prostaglandin E2 production by tissue fixed macrophages from, **A731**

——, colorectal and gastric, human, gastrin dependence of, **A738**

——, gastric cardiac, increase in numbers, due to change in aetiological factors?, **A1445**

—— of large bowel, familial aggregation of, **A1486**

UDEN, S, *et al.*: Oxidant stress, antioxidant supply and recurrent pancreatitis, **A720**

Ulcer. *See under* Duodenum; Gastric; Oesophagus; Peptic

Ultrasound in detection of gastroduodenal disease, **A1453**

——, intraoperative, biopsy gun for guided biopsy of impalpable lesions using, evaluation of, **A1455**

——, real-time, high resolution, in non-invasive assessment of antral motor function in normal subjects and functional dyspeptic patients, **A1452**

UPADHYAY, R, *et al.*: Asymptomatic versus symptomatic gastric ulcers in patients with rheumatoid arthritis receiving non-steroidal anti-inflammatory drugs, **A1443**

Urease, *C pylori*, ammonia electrode for quantification of, not inhibited by bismuth subsalicylate, **A710**

Urethrovesical and sacral reflex function, impaired, chronic constipation associated with evidence of, **A1486**

Vagotomy, highly selective, for refractory duodenal ulcer, prevalence of recurrent ulceration reduced by use of Grassi test after, **A713**

——, ————, not obsolete, **A1444**

VAIRA, D, *et al.*: *Campylobacter pylori* in abattoir workers, **A1437**

——, *et al.*: Endoscopic sphincterotomy: how safe and successful in the 1980s?, **A1489**

——, *et al.*: Is duodenal diverticulum a risk factor for sphincterotomy?, **A727**

——, *et al.*: Serum antibody titres before and after therapy in patients with campylobacter associated gastritis, **A709**

VALORI, R M, *et al.*: Hyperventilation increases the amplitude of oesophageal contractions in healthy volunteers: a controlled study, **A1447**

VAN DER BROEK-EVANS, A, *et al.*: Exercise delays gastric emptying of liquids in man – a study using applied potential tomography, **A713**

VAN EEDEN, P J, *et al.*: Chronic enterogastric reflux increases the gastrotoxicity of an acute bile acid challenge in the rat, **A1477**

VAN TOL, E A F, *et al.*: Vasoactive intestinal peptide (VIP) stimulation of natural killer cell activity against a human colon carcinoma cell line, **A1495**

Variceal haemorrhage, acute, emergency endoscopic sclerotherapy versus oesophageal staple transection for, trial of, **A739**

————, ——, somatostatin and injection sclerotherapy in control of, comparative trial, preliminary results, **A1431**

———— and prevalence of primary biliary cirrhosis, **A1463**

————, importance of time interval between admission and starting point for analysis of survival and rebleeding, **A719**

————, oesophageal, prognosis after, factors determining, **A718**

————, somatostatin for control of, trial of, **A1495**

—— sclerotherapy, response of mediastinum to, **A719**

Varices, anorectal, prevalence in 100 cirrhotic patients, **A1462**

——, bleeding, in elderly, well worth treating, **A1462**

——, oesophageal, prophylactic sclerotherapy for, in England, trial and interim analysis of 103 patients, **A1430**

Vasoactive intestinal peptide. *See* VIP

VESSEY, D A, *et al.*: Epidermal growth factor receptor down-regulation during hepatocyte proliferation *in vivo* and *in vitro*, **A1435**

VICARY, F R, *et al.*: Computer diagnosis of jaundice ('Solubile'), **A1460**

VIP stimulation of natural killer cell activity against human colon carcinoma cell line, **A1495**

Visceral reflexes, modulation of intestinal tone in man by, **A1432**

WALDRON, D J, *et al.*: Prolonged ambulant anorectal motility in chronic idiopathic constipation, **A1456**

WALSH, J T, *et al.*: Gastric mucosal blood flow in portal hypertension, **A1461**

WALSH, T N, *et al.*: Pancreatic islet transplantation: endocrine function and effect on secondary diabetic complications, **A271**

WASHINGTON, N, *et al.*: The use of ambulatory cadmium telluride detector to monitor postprandial reflux of food, **A1451**

WATSON, S A, *et al.*: Gastrin dependence of human colorectal and gastric tumours, **A738**

WEAVER, L T, *et al.*: Crypt cell production rate and surface membrane characteristics of transplanted human fetal small intestine, **A1493**

——, *et al.*: Uptake and transfer of epidermal growth factor by the small intestinal epithelium of the fetal rat, **A1478**

WEIL, J, *et al.*: *Campylobacter pylori* survives high dose bismuth subcitrate (De-Nol) therapy, **A1437**

WHEATLEY, K E, *et al.*: Effect of a defined policy on the outcome of bleeding peptic ulcer disease, **A1472**

——, *et al.*: Intragastric fibrinolysis and tryptic activity in bleeding peptic ulcer disease, **A1443**

WHEELER, J G, *et al.*: ^{111}Indium leucocyte scintigraphy: a simple test for assessing patients with Crohn's disease unresponsive to therapy, **A1464**

WILLIAMS, J G, and HALLETT, M B: Fluorimetric determination of hypochlorite scavenging by 5-amino salicylic acid, **A1437**

——, ——: Mode of action of 5 amino salicylic acid in inflammatory bowel disease – scavenging of toxic oxygen metabolites?, **A722**

WILLIAMS, S J, *et al.*: Interferon mediated impairment of hepatic oxidative drug metabolism in rats, **A1460**

WILSON C, and IMRIE, C W: Changing incidence and mortality from acute pancreatitis, **A1457**

——, *et al.*: Incidence of hepatobiliary complications in patients undergoing surgery for chronic pancreatitis, **A266**

——, *et al.*: Intraperitoneal antiprotease therapy in experimental acute pancreatitis, **A270**

——, *et al.*: Value of C-reactive protein and antiproteases in the objective monitoring of acute pancreatitis, **A269**

WINSLET, M C, and KEIGHLEY, M R B: Defunctioned proctitis: a diagnostic dilemma, **A1454**

——, ——: Faecal challenge as a predictor of the effect of restoring intestinal continuity in defunctioned Crohn's colitis, **A1475**

——, *et al.*: Faecal and mucosa associated flora in Crohn's colitis, **A1465**

——, *et al*.: Mucosal lymphocyte isolation using recombinant interleukin 2: a preliminary study, **A737**

WREN, B W, *et al*.: Molecular cloning and expression of *Clostridium difficile* toxin A and macrolide resistance determinants in *Escherichia coli*, **A723**

WYATT, J I, *et al*.: *Campylobacter pylori* and history of dyspepsia in healthy blood donors, **A706**

YIU, C Y, *et al*.: Monoclonal antibodies to colorectal cancer, **A1484**

YOSHIOKA, K, *et al*.: Factors influencing motor function after restorative proctocolectomy, **A702**

——, *et al*.: Physiological parameters which will predict the outcome of postanal repair, **A733**

YOUNG, A, *et al*.: Hypersecretion induced by *Staphylococcus aureus* enterotoxin B in the rat intestine, **A1467**

ZEITOUN, P, and ISAL, J P: Omeprazole versus ranitidine in erosive oesophagitis: results of a French-Belgian multicentre study, **A711**

ZHANG Q, *et al*.: Restitution occurs in colonic mucosa *in vitro* after bile salt injury, **A1485**